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Metal Merchants and Manufacturers.

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GALVANIZED WIRE NETTING. WIRE FENCING.

WIRE AND SHEET IRONWORK





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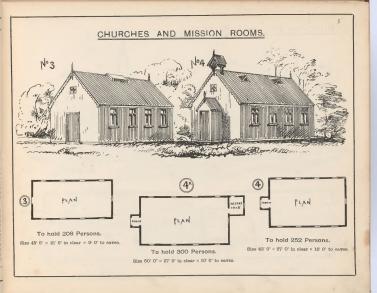
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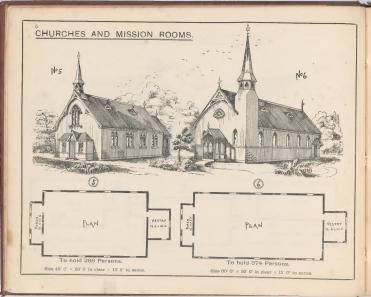
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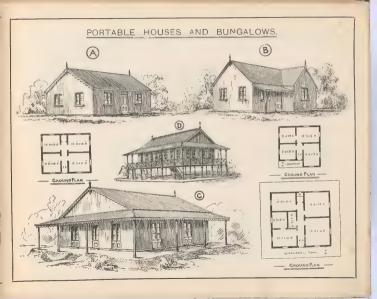
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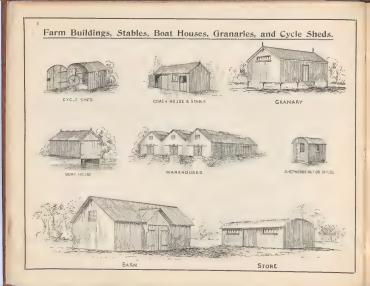




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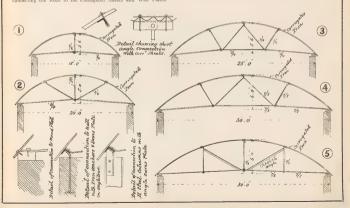


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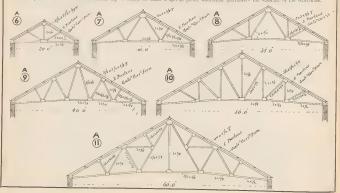
This is the chaapest form of Roof Construction. The only framework used being the sets of Rod as shown spaced about 10 feet apart. The Galvanized Courageted Sheets are curved and form, when rivetted together, a tile Sheds, area, thus caspensing with Principals and Paillas. These Roofs are satisfied for Hay and Straw Barra, Cattle Sheds, conditionable with a support of the Sheds and Warehouses of all descriptions, but should not be used for Spans of more than 20 feet. We give details showing method of connecting the Rods to the Correctated Sheets and Wall Plates.



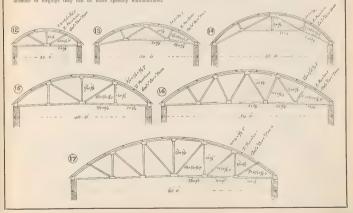
Sections of Wrought Iron and Steel Principals for Pitched Roofs.

The Designs we salmit below are what we supply when the construction is off to us as we carry the sections of bars shown in stock, but we can always quote to Architects' and Engineers' Specifications and Drawings.

In Fronting of the design to enrity, with a good margin of such castionared Carry actor Sheets on Ange Purlins. If required for a Barried and Sheet Roof they will also answer with a significance, or the Dirth and Secundary, which we shall always be pleased to indicate or recept of an enquiry. We would than particular ittention to the fact that at the from and Sizel word in these Roofs are of Burtach Mannateure. The Interest Anges and Tees being Mild steel and the Flat Bars best StationEnkire from Thos, coupled with the first-class workmanship of which we make a special point, sufficiently generates the stability of the structures.



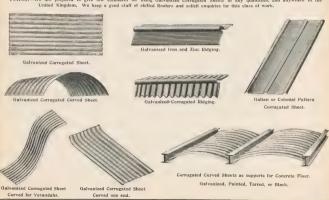
In the Deepns below we show a lifferent form of construction from those on the previous page. In lieu of the round tension bars and figged connections, we show flat tension bars and plate connections. The style can be used for either purched or curved principals. Span for span thry are somewhat heavier than move with round tension bars, but owing to the absence of forgings they can be more speedly manufactured.

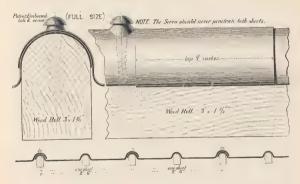


Galvanized Corrugated Sheets and Ridging.

We seep Galvanized Corrugated Sheets in Stock, 4, 5, 6, 7, 8, 9, and 10 ft, long, in the following gauges, 26, 24, 22, 20, and 18, all 8.3 in, corrugations. Each sheet works 2 ft. in width, allowing for a lap of one corrugation at sides. 16 gauge sheets can be supplied promptly from works, also sheets with 10 5 in, or 5 in corrugations curved sheets and special length sheets of any of the above gauges.

FIXING .- We are prepared to give low estimates for fixing Galvanized Corrugated Sheets in any quantities, and anywhere in the United Kingdom. We keep a good staff of skilled Roofers and solicit enquiries for this class of work.





THE ILLUSTRATION shows the method of Zinc Roofing called "ITALIAN."

The metal is fixed without boards, the sheets resting only on wood volls, but stiffened by partial corrugation. There is probably no other method known by which so much strength and durability can be secured at so little cost. Particulars and working sketches on receipt of plan or space to be rooted in. Though this plan is chierly used for Railway Stations, it is adapted for various buildings where a considerable area is to be covered, and where lightness is required.

METHOD OF LAYING SHEET ZINC CROSS SECTION. LONGITUDINAL SECTION. This Chief Roll Bourding Bearding One Sheet Cree Sheet

THE ILLUSTRATION shows the method of laying zinc on boards. It is very important that each sheet should be left used from male or any fastering, as otherwise the expansion and contraction caused by this weather will cause in to crack and tear. Thickness of metal will be bound of little use, unless satisfil almour is also employed and the wheets left first. The sheets are best board by machinery, as if by band, they are almost certain to be learned. The prices per foot for the different gauges rise and fall with the market price of line, and also wary according to the size and shape of the not to be covered.

We therefore prefer to give estimate either p.r superficial foot or for the whose job, after seeing the roof or plan of same. It is advisable to consult us as to the laving out of the boarding before the roof joints are fixed, as the drips can then be properly attanged, and much expense and trouble may be saved.

Our foreman of this depatitional will always attend personally, if desired, to advise and arrange with foreman of works, or, where the distance is too great, will give working drawing on receipt of plan of proof. When the wood work is proper pricing and the metal of proper theirness is skillfully liked, a car cotof mus be depended upon for durability, while at hightness and cheapness render it preferable in many cases to any other. A thickness of fit between the zinc and the loantling costs very little extra, and form a useful protection against cold and heat, as well as a soft bed for the metal.

SHEET ZINC WEIGHTS AND DIMENSIONS.

Approximate Weights of Sheet Zinc per Square Foot, and per Sheet Usual Dimensions,

-						7 ft. ×	2 ft. (3 in,	,	7 1	h. × 3 f	t.	8 f	: ×3 f			1
Zine	1,000ths	Аррго рет	xlmate W square fo	l'eight ot.	Wei	ght of Sh	Approx	Number of	We	ight of S	Approx beets-	Number of	Weight of Sla	Approxim	Number of	Zinc	Nearest Dirmingham
Gauge.	of an inch.	p	. 11005.	de hms.	lbs.	Orappes	dr chms	Sheets in	lbs.	0 000%	drothms	Sherts in 10 cwt	ripi.	raches	Sheets in	Garge.	Wire Gauge.
.1	-007	0	3	1.5	4	9	1 8	240	5	. 2	11	213	5 14	8	187	8	35
1 1	1008	0	. 4	13	5	9	13	196	6	5	1	175	7 8	8	158	4	88
3	-010	0	5	11	6	10	3	166	7	7	7	147	8 8	8	129	.5	81
6	-011	0	6	11	7	12	13	141	8	12	7	126	10 0	8	110	6	30
7	-018	0	7	12	9	0	11	122	10	2	12	108	11 10	0	95	7	29
н	.015	0	8	14	10	5	- 11	106	11	10	6	95	13 5	0	825	8	28
9	018	0	10	ō	12	-0	8	9.2	18	8	9	81	15 7	- 8	71	. 0	27
10	-020	0	11		18	5	8	83	15	0	3	1 73	17 2	8	6-4	10	25
- 11	028	0	19	ō	15	8	8	71	17	7	9	68	19 15	8	55	11	24
12	-026	0	15	2	17	10	,ō	68	19	18	10	ភ័ពិ	22 11	. 0	49	15	28
13	1029	1	0	15	19	12	3	56	22	8	11	<i>5</i> 0	25 6	8	43	13	22
14	-082	1	2	12	21	14	0	50	2.4	9	12	45	28 2	0	39	14	21
15	.038	1	ñ	12	25	6	0	44	28	8	12	39	82 10	0	84	15	20
16	.048	1	8	12	28	1-1	0	38	32	7	12	34	87 2	0	30	16	19
17	.048	1	11	11	32	- 4	1.8	84	36	1 0	7	80	41 8	8	27	17	18
18	-058	1	14	11	85	12	14	31	40	4	7	27	46 0	8	24	18	-
19	-058	2	1	11	39	+ 4	18	28	44	8	. 7	2.5	50 8	8	22	19	17
20	068	2	4	10	42	11	11	26	48	1	1 2	23	ô4 15	0	20	20	16
21	1 -070	2	8	12	47	1 8	. 11	23	58	1 7	12	21	61 2	0	18	21	15
22	.077	, 2	12	14	52	5	(-11)	21	58	14	6	[19	67 5	- 0	16	22	14
28	.084	3	1	1	57	3	18	19	64	6	ä	17	78 9	8	1.0	23	-
24	.091	3	5	8	62	0	18	. 18	69	12	15	16	79 12	1 8	14	24	13
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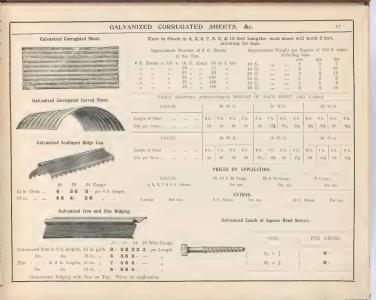
Sheets Nos. I and 2 are only rolled to Order and Special Dimensions.

NOTE. As it is impossible to roll Sheets exactly to any given weight or thickness, a slight deviation must be allowed.

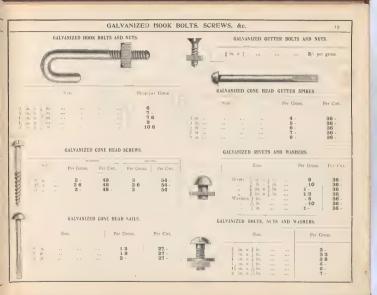
We hold reavy stocks of Plant (both Vielle Muntagn, and English) and Perforated Zincs, Roll Caps, Sash Bars, Bell Telbes, &c. Orders executed on recept

List of Fine Quality Sheets, Tin Plates, Galvanized Corrugated Iron, &c.

List of Fine Quality Sheets, I in Pla	ates, Galvanized Corrugated Iron, &c.
FINE BLACK SHEETS.—Cold Rolled and Close Annealed. Strike. Trunk, 860 Sheel. Sheel.	GALVANIZED CORRUGATED SHEETS. BEST QUALITY ONLY. Approximate Weights and Prices. Sheets to cover 2 ft. wide, allowing for Lap
B. Wilden	26 Gauge. 24 Gauge.
BB Free on Rail at Wolverhampton.	Length of Sheet. 6 ft. 7 ft. 8 ft. 9 ft. 6 ft. 7 ft. 8 ft. 9 ft. fts. per Sheet. 12 14 15 ft. 18 16 152 214 344
BLACK SHEFTS KEPT IN STOCK IN LONDON. Soft Street Strates Deaths. Trebles First on Rail in London per cwt, net,	Rese, 11/- per Cut.
GALVANIZED BB. FLAT SHEETS, REPT IN STOCK IN LONDON. Sliphe. Dwitte. Trobbe.	17) 1 92 2 19 2 51 2 82 2 11 2 10 2 2 3 3 87 1 10 2 2 3 3 87 1 10 10 2 2 3 3 87 1 10 10 2 2 3 3 87 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Free on Rail or Boat in London.	22 Gauge. 20 Gauge.
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PATENT COATED SHEETS Lead Coated Singles Duchles Turbies Terms Per curt. net. B Terms Coated Free on Rail at Wolverlamspron.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
No. of Wilden Wilden B. Colin	18 Gauge. 16 Gauge.
per box. per box. Star. Star. perfect. utasonreal Princ. Cl man. 112 112 lbs. IC SO × 14 112 112 lbs. IC SO × 14 112 lbs. IC SO × 14 112 lbs. IC SO × 14 112 lbs. IC SO × 15 112 lbs. IC S	Length of Sheet. 5 ft. 7 ft. 8 ft. 9 ft. 6 ft. 7 ft. 8 ft. 9 ft. 105 per Sheet. 815 362 42 472 39 455 52 584
111 148	Reduction Redu
100 168 ; DXXX ; 100 189 ; DXXXX ; 100 189 ; DXXXX ; 100 189 ; DXXXX ; 100 180 ; Data reductions for Wassiers, and extens for larger sites, 100 180 ; Data reductions for Wassiers and extens for larger sites, 100 180 ; Data reductions for Wassiers and extens for larger sites, 100 180 ; Data reductions for larger sites, 100 180 ; Data reductions for larger sites, 100 in the larger sites, 100 in	4 ft. Shocks ali Gauges - 6/- per ton extra. 10 ft 20/- 110/- 10/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 110/- 11



18		CUT S	TEEL N	NAILS						
Clasp Nails.	ļ	Naits.	8	Floor Bra	Name of the last		Pater	it Flat P	oint	
Rose Nails.	Lath Nails.			Joiner's Br			Steel	Rose Na	tils.	
CUT STEEL CLASP, CLOUT or	ROSE, 8 in. to 6 i	n. Basis Price					***			per Cwt.
			FATRAS	OVER 3 in						
	21 m / n	2, n 2 in	. 1§ in.	11 in.	1½ in.	1, 0	1 .	, de	, 10	
	6d. 6d.	1/ 1/-	1/6	2 -	3/-	4/-	5/-	6 -	7/6	per Cwt.
CUT STEEL FLOORING BRAD	3									
lim 1	/3, 13 m. 9d., 2 in, 3	d. per cwt. over 8	in. Clasp; 2]	in, same as	8 in. Class	p; 24 in. 1	to 4 in., 3 0	l. per cwt	less tha	n 3 in. Clasp.
	27 m. 24 in.	2; m. 2 in	. 12 in.	1½ in.	1≟ in.	1½ in.	1 in.	ā in.	i m.	
CUT STEEL JOINER'S BRADS	16 16	26 26	3 -	4 -	5 -	6 -	7 -	8 -	9/6	per cwt. over
CUT STEEL LATH NAILS		-					3/-	4/-	5 -	8 in, Clasp. do. do.
CUT STEEL PLATE or RAIL N	AILS, with Flat, Ro	se, or Cup Head	ls, 2½ in. and	l up					same a	s 8 in. Clasp.
PATENT STEEL ROSE NAILS.	Flat Points						5 3	n. 6 in.	7 in.	per cwt.
		EXTRAS OV	ER 5 in to 7	10-						
do. do,	45 in 4 in		m. 2, 11.	_						
uo. (10,	3d 3d		kl 9d	25 H	2; in 1/9	2 in.	1) n 2/9	14 in. 3/8	11 ,n	1 in.
				* -	2,0	21/5	2/0	9/0	18/-	7' per cwt.
_						_				
Cut Steel Tacks, Tingles, Che-	quer-Head-Clouts, Ho	oping Clouts, Co	opper Nails a	and Tacks,	Zinc Naits	, Compos	ition Nail:	s, Tinned	Nails,	&c., &c.
The same of the sa										
Packing in Bags, 1 cmt,	ladudid	10 /A Pa	02 4			9.0	// D			
							lb. Bags,	ba. per c	ted. extr	2
	1 cwt. Iron Kegs, 1 -	per cut. extra.		2 Ton C	Orders 3d.	per cut.	less			
						_				



From the collections of Sydney Living Museums / Historic Houses Trust of NSW

MALIEARIE CAST THE PEGS. ZINC NAILS. Size, inches 11 13 2 24 Size, inches ... 9 & 1 11 12 13 13 2 21 21

Price, per cwt. . . On Application. Black mer Cwt. 16 - ... 16 - ... 16 - ... 16 -Galvanized, per Cwt. 28 6 ... 28 6 ... 28 6 ... 28 6 TENTER HOOKS, Hand-made.

BEST ROUND WIRE NAILS Size, inches, [] [i 2 2] Gauge ... 0 to 7 8 9 10 11 12 13 14 15 16 Price, per Cwt. 13 - 18 9 15 - 15 9 17 - 18 6 19/6 21 - 22 6 25 -

COMPOSITION GAS PIPE HOOKS RITTED WIRE CLOUT NAMES Size, inches \$\display14 \frac{4}{5} \times 13 \frac{3}{5} \times 12 \frac{1}{5} \times 12 \frac{1}{5} \times 11 Price, per Gross . . . 10 - . - 11 ... 1 - . - 13 . . 15 - . 18 ... 7 -Price, per Cwt 30/- ... 30/- ... 28/- ... 28/- ... 28 - ... 26 6 Tinned do. ... 1 ... 1 1 ... 1 2 ... 1 9 ... 1 9 ... 2 6

GALVANIZED GUTTER SCREWS. IRON GAS PIPE HOOKS Size, unches 4×1 5×1 6×1 7×1 8 × 1 Price, per gross 6/- ... 7/- ... 8 - ... 9/- ... 10 6

Price, per Gross, Black 1 6 ... 1 11 ... 3 6 ... 4 - ... 4 6 ... 6 - ... 7 6 Per Cwt., Black ... 31 - ... 30 - ... 28 ... 27 - ... 27 - ... 27 - ... 27 GALVANIZED GUTTER SCREWS, with large mushroom heads. Galvanized, per Gross 2 3 ... 2 9 ... 1 4 ... 1 19 ... (4 ... 9 6 ... -

Price, per gross ... 12" × 16g. ... 3 - 12" × 16g. ... 3 6 PIPE NAILS. WIDE SLATE NAILS Size, inches 21×4 3×3 34×1 4×1 Size, inches ... 13 & 14 × 13g. 1, & 15 × 11 14 & 2 × 10 g ... 26 6 . 26 - ... 25 - ... 2a -Black, per Cwt . Bright, per Cwt. ... 28/- ... 28/- ... 20/-86 - ... 83 - ... 30 -Galvanized, per Cwt. . 33 - ... 32 6 ... 32 - ... 31 6 Galvanized, per Cwt.

HOLDFASTS MALLEABLE SLATE NAILS. Size, inches ... 3 3} 4 5 6 7 8 Size, inches ... 1 18 2 Black, per Cwt. ... 85,- ... 81/6 ... 31/6 ... 31/6 Black, per Cwt. ... 22 - ... 22 - ... 22 - ... 22 - ... 22 - ... 22 - ... 22 -Galvanized, per Cwt. 52/- ... 48/- ... 48/- ... 48 -Galvanized, per Cut. 32 - 32 - 31 - 31 - 31 - 31 - 31



Tov Buckets.

Thom in 5 6 7 8 Per dar. 43 4/6 5/ 5.3



No. 00000. Hoop Feet.

Weight per doz, 12 m, Diam. p 10 11 12 13 14 Per doz 7/3 8/- 9 - 10/6 12/6



No. OOO.

Light Grooved Sides and Weight per doz. 12 in.

Dinm. in. 10 11 12 13 14 Per dox. 7/6 8/8 9 6 11/- 12 9 Rivetted Sides 1/6 per dog. extra.



Weight per doz. 12 in Diam. in. 10 11 12 18 14 Per dor. 9:8 10/3 11/3 12/9 14/9



Strong Grooved Sides, Hoop Weight per doz. 12 in.

Dom. in. 10 11 12 13 14 Per doz. 18 - 18/3 17/9 19/3 21/6



Strong Grooved Sides, Forged Ears. Weight per doz. 12 in. about 50 lbs.

This Bucket is extra deep, the 12 in, being 104 in. inside. Dism in 10 11 19 13 14

Per dox. 12/9 13/6 15/ 16/8 18/9



Rivetted Sides, Hoop Feet, Forced Eurs. Wright per doz, 12 in. about 44 lbs.

Dizm. :s. 10 11 12 13 14 Per dox. 12 6 14 - 15 - 16 6 18/9



Round Bail. Rivetted Sides, Strong Hoop Feet and Forged Ears. Weight per doz. 12 in. shout 60 lbs.

Diam. in, 10 11 12 13 14 Per Lot. 17/- 18- 20/6 21 6 23 3



Strong Rivetted Sides, and Forged Ears. Weight per doz. 12 in. Extra deep.

Diam, in. 10 11 12 13 14 Per doz. 18/- 19 6 21/- 23/6 24/9



Round Bail. Rivetted Sides and Bottom,

Forged Ears. Weight per doz. 12 in. about 62 lbs.

Diam. in. 10 11 12 13 14

Per doz. 21/- 21/9 28/3 24/9 27/-



Extra Strong Rivetted Side and Bottom, forged Ears.

Weight per doz. 12 in. about 76 lbs.

Diam. m 10 11 18 18 14
Per doz. 246, 286 27, 286 316



No. 5.
Strapped all round with strong
Hoop Iron Feet.
Weight per doz. 12 in. about
#12 bs
tham. sc. 10 11 12 13 14

Per doc. 17/3 19/3 20/9 22/9 24/6



No. 7. Well Bucket

Gallons 4 5 6 7 8 9

Strong, each 5 5 66 72 8/3 9/9 11/3



No. 8
Strong Fivetted Sides and Bottom, strong Ears and thick Balls, welded Hoop.
Weight per doz. 19 in. about 75 lbs.
Dam. in. 12 I3 14

Per dor. ... 28/6 27/9



Builder's and Contractor's Bucket, 12 inches deep, with

Bucket, 12 inches deep, with strong welded Hoop top and bottom, extra strong Ears and Bails. Weight per doz. 12 in. about 120 lbs.

Diam. in 12 13 14
Per dex ... 39/ 61/3 43/8



No. 9½

Builder's or Mill Bucket, with welded Hoop top and bottom.

Weight per doz. 12 in. about 14 lbs.

Diam. ir. .. 12 18 14 Per dos. ... 27/ 29/3 31/6



No. 10.

Extra Strong Bucket with welded Angle Iron Foot and heavy solid Bails and Ears.

Weight per doz. 12 in about 108 Dec.

108 lbs.

Dism. in. ... 12 18 14

Per doz ... 39/9 42'- 44/3



No. 11. Extra Strong Contractor Bucket, with welded Hoop top and bottom, and side Straps.

Weight per 30z 12 in, about
. 12 lbs

Don. ... 12 13 14

Per dor. 37/8 39/9 42 -



No. 12 Fire Bucket.

Round Ball, well made.

Size 105×11 deep.

Galvanized only ... 28/ Per doz.

Japanesed Red outside, 28/6 per doz.

Dutte, and with Firel 33/- ...



No 12a .- Fire Bucket

With rounded bottoms to prevent them being used as

101 diam, at ton.

Galvanized . . 32/- per due. Japanned Red outside, 37/ ... Ditto, with FIRE 1 42/- ...



No. 13.

Strong Rivetted Bucket.

Weight per doz. 12 in. about 80 lbs. Diam .n . 12 18 26/3 28 6 30/9



Liverpool Mill Bucket, strong welded Hoop at bottom. The wire. Specially adapted for Mill or Foundry purposes.

Weight per doz. 12 in. about 90 lbs.

Dano. in ... 12 13 14 Per nor. . 33/ 35/3 37/6



No. 21 .- Shlp's Bucket.

With Ears inside, Ring and Thimble on Bails. 16/6 18/



Chamber Paits.

nest, 28/8 30. 31 6 33/9, 36 9

ind, 23.3 24.9 26/3 28.6 30.6



Galvanized Coal Hods. Inches, 14 15 16 17 15

3rd, 18/9 20/3 22/6 24/9 27/8 2nJ, 22/6 24 28/6 28/3 30 9 Hen., 28 6 27 29 31/6 34/6



Galvanized Waterloo Coal Scoops-

3nl, per doz. 18'9 20/3 22/6 25/9 27/6 2nd, per doz. 22/6 24- 25/6 28/3 30/9 Best, per doz. 25.6 27, 29/- 31.6 34/6



Galvanized Common Shape Coal Scoops.

14 15 16 17 IN 18/9 20/3 22/6 24/9 27/6 22/6 24/- 25/6 28/3 30/9 Best, per dor. 25/6 27 29/- 31/6 38/6



Galvanized Durham Coal Scoops.

Inches ... 14 15 16 17 18 Best, per doz. 28/6 30/ 31/6 33.9 36/



Galvanized Coal Scoops.

(Cardiff Pattern)

17 in. 20 m. Strong, With Strong Hand Scoop \$7/ 75 per doc-



Galvanized Washing Tubs.

Best or First Quality

Length mohres ... 14 16 18 20 22 24 26 28 30 Per Donen ... 17/- 19/6 22/6 27/- 34/6 39 - 45/9 53/3 60/- Hopping or strapping... 1/6 2/- 2/3 2/8 3/- 3/9 4/3 5 - 8/9



Galvanized Washing Tubs.

Common or Second Quality.

Length Inches
4 14 18 20 22 24 20 "8 20
Per Josen
12/6 18/- 18/- 21/- 26-3 29/- 34-6 40/6 45/-

Horping or Strapping



Galvanized Washing Tubs.

Light or Third Quality.

Light or Third Quality.

Length Inches.

14 16 19 20 23 24 26 28 .6

Per dozen

9/9 12/- 18/- 18/- 20/9 23/9 30/6 35/3 40/6 Hooping or Strapping 1/6 2/- 2/3 2/9 3 - 3/9 4/3 5/- 5.9



Long Oval Baths Very Strong.

Length Inches 27 40 18 86 Each 5 5 8 6 6 8



Strong Wash-up Paus-Round.

Diam, enches 10 31 12 13 14 15 16 2md qual, per dox. 76 8/8 9/ 14/- 12/6 14/3 16 6 114 qual, per dox. 9/- 8/9 11/3 12/9 13/3 16/6 19 6 Not Hooped 13 dox. less.



Deep Basins.

Galvanized and Tinned.

Diam. inches ... 10 11 12 18 14 15 Galvanized, per doc .. 4/8 56 6/6 78 8/6 10/ Tinned, per doc. . 8/6 10/ 11/ 12/6 15 18



Deep or Norfolk Turnip Skeps
Strapped to Wire. 4/8 dec. extra.
Bands under Wire. 8/- ... 21
Plates under Handles, 4/8 ... 21

Diameter inches 15 16 17 18 19 20 21 22 23 24 Per dazen 24 8 38/9 37/8 38/- 41/3 45/- 48/3 52 6 63/- 67/6



Shallow Turnip Skeps.

Strapped to Wire, 4/6 dox. extra.

Bands under Wire, 6/- ,, ,,

Plates under Handles, 4/6 ., ,,

Diameter unches

15 16 17 18 19 20 21 22 23 24 Per dozen 24 6 25 6 27/9 30/- 31 6 34/6 36 39 - 40/6 43 6



Strong Tinned or Galvanized Water Bowls, Plain Edge.

Diam. in. 8 9 10 11

Galvanized; 9/9 11/- 12/6 13/9

Vinned; 13/6 18/- 17/3 21/-



Light Bowls with Wood Handles.

Diam in.		11	10	11
Galvanued, E per doz	8/9	6 9	8,3	9 9
Tinned,)	10/6	12/-	13/6	15;6



Strong Galvanized Mud Bowls-

Diaru, in. S n t0 11 19
Without band, 24/9 23/3 25/6 23/6 32/3
per doz.

Bound all round, 24/8 29/3 33/- 36/- 40/6



No. 1 Strong Deep Jet.

Dunn. in. > > 16 11

Each, with bind ... 3/6 4/3 4/6 5/-

Wire Edge ... 3/- 3/3 3/9 4/3



Bricklayers' Hods.

Inches . 1, 75 Each 6.6 7/6



Galvanized Paint Cans

With Hooks 6d, per dox, extra-Diam, m.... 7 % 8 7 10 Per dox, ... 5/6 5/3 6/- 5/9 8 - 10 -



Galvanized Iron Watering Pots. t allows 1 5 2 75 . 1 If fitted with Cover 13/ doz. extrn. Light, per d.a. 25/6 27/ 30/- 33/- 38/9 43/6 Calleas ... 1 15 2 25 8 4



Galvanized Water Cons

httpng 30 9 32 3 35/3 38 3 42 49 6 Project 24 25 6 27 30 - 34 8 4t 3



Galvanized Boiler Fillers.

Gallons ... 1 12 2 22 3 4 | Water Can. Light, per doz. 21/9 24/- 27 - 29/3 33, 40/6 Strong, .. 28/3 29 3 32 3 34 6 39 - 45,



Galvanized Irish Pattern Beer or

Gallons 4 = 25 A Presite 33 36 39 45

Hand Scoops



Size at Bottom, 8 in. x sin. Ganange, 8/3 , r v. res Born, 76 per down



Strong Tinned Corn Shovel.

Inches 12 18 Bent or Straight Handles, each 4/6 5/-



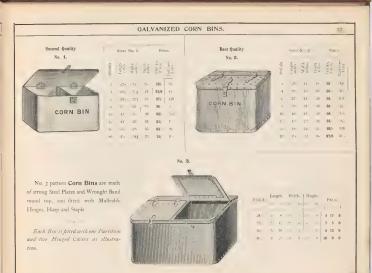
Improved Grain Measures. Golvenized

Sizes 2 pk. 2 pk. 1 pk. 2 bsh. 1 bsh. Price, each estrong. 4/ 4/- 6! 8.3 11/9 If Conservment Stamped, 4/8 each extra-



Galvaniyad and Black Cart Eumaga

		Ay	proxim	ate bize		
			Intide ?	Measure.		
Contents	6	8	10	13	14	16 gals.
Width	149	161	18	19	1.7	21 m
	×	×	20	5.		A
Depth	114	124	131	14	15+	16 .0
Contents	18	20	23	20	160	40 ga.s.
Width	213	221	947	26	.12	27t va
			×	×		
Depth	.6y	172	lbs	113	203	9. § n
Contents	- 0	60	70	50	10	100 gats
Width	303	33	35	71	24	41; m.
	7	à.	à			
Deoth	241	90		77.1	27.1	94 .0





LIGHT CORN BINS WITH SQUARE CORNERS.

			Long	ţth.	Wi	īth.	H	ight.			Price			Partitions
	4	Bushels,	22	×	16	×	39	ins.		0	19	0	each.	4/-
	F,		26	×	21	×	29	31	***	1	4	0	19	4/6
	8		38	×	21	×	29	77		1	10	0	11	5/-
1	m		42	×	21	ж	20		***	1	16	6	11	5/6
1	12		42	х	22	×	34			2	3	6	*	7 -

SPECIAL LIGHT ROUND CORN BINS.

	Diam.	Height.	Price, each.
els,	17 ins.	22 ins.	0 12 0
	21 ,,	28 ,,	0 17 6
	22 ,,	36 ,,	1 2 0
	0.5	9.0	4 0 0

GALYANIZED ROUND CORN BINS, LIGHT AND STRONG QUALITY, With Hinged Covers, Hasps and Staples.

Light, No. 1.



	Sittle		Prices, etch.				
Bushein	Height, its	Disn In-	Light No 1.	Strug, Vo			
)	144	11	113	13 6			
2	20	18	15 -	17 -			
.1	27	20	18 .	216			
1	97	22	22 6	26 -			
a	24	23	24 6	28 -			
15	28	25	28 -	32 .			
7	50	26	30 -	34 -			
8	.,()	28	34 .	39 -			
	30	23	38 -	45 -			
10	3)	10	416	48 -			
11	.10	3.0	46.6	69 .			

GALVANIZED IRON BINS-For Storage of Petrol in Tins.





2 Bush

with hinged Cover fitting over top which practically repriets the Bin watertight. Also fitted with Lugs for fixing to Wall

SIZES AND PRICES

Capacity.	Length.	Width.	Depth.	Price each.
2 Gallon Tins.	Inches	Inthes	Inches	€ s d
Pi .	22	14	26	1 5 0
12	22	23	28	1 12 6
16	27	22	28	2 0 0
20	.33	22	24	2 8 6
3.9	51	0.0	ale:	n # 0

Other Sizes can be made to Order

56 -

12 51 -

Galvanized Wrought Mangers and Water Boxes.

AS USED BY TRAMWAY COMPANIES.





S.ze inside ... 2 ft. 9½ ins. × 1 ft. 2½ ins. × 1 ft. 3 ins. deep.
Page ... 14/- Euch.

WATER BOX.



Size inside 1 ft. 2½ ins. × 1 ft. 1½ ins. × 10 ins Price 6/3 Each.

Special Quotations for Large Quantities.

Improved pattern with angle iron frames and rounded corners, the object being to prevent sharp corners and seams.

Size ipside ... 2 ft. 10 ins. × 1 ft. 2½ ins. × 1 ft. 3 ins. deep.

PRICE ... 18:- Each.

Any size made to order.

Prices on application.

Fodder Barrows.

Made of Black Iron, and Galvanized

Handles so constructed to turn over when not required.



No. 4.

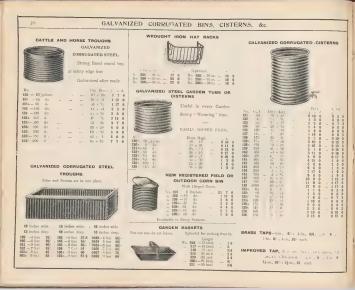
3 ft. 6 ins. \times 1 ft. 8 ins. \times 1 ft. 5 ins., width over all 2 ft. 7 ins.

£3 3 0 Each.

No. 2.

4 ft. 0 ins. \times 2 ft. 0 ins. \times 1 ft. 7 ins., width over all 2 ft. 11 ins.

£3 10 0 Each.



No. 1. Fitted ready for use.



The No. 1 D. at Bon is one of our latest improvements, and very strongly made. The cover, by a simple contrivance, is easily taken off and

No	Hegh m	Walth in nobes	I curth n	- 45 - 45	
1	18	1.5	27	32 ·	
2	91)	10	30	36 6	
	99	1.6	8.8	466	

No. 1.



No. 8.

STRONG PORTABLE DUST BIN, made with
Loose Sloping Cover to take off, and
Strong Handles at each end.



Size in. × 18 in × 30

at Back.

28 in. m Front.

16 each

P

۱o. 2.



 2 is our latest and cheapest improvement, and the most complete in the market, fitted with Hinged cover. Circler Seer, and Salang Door as from those against

No.	Length in inches	Width in inches.	Height in inches.	Price
1	ł1	15	20	28
2	51	19	36	32
3	27	21	36	36

No. 3.



With Fixed Hinged Cover and Sliding Door in Front

No.	Length in inches	Width in inches	Height in inches	Prices.
0	16	18	30	16 -
1	18	18	56	18 6
2	24	19	36	22
3	27	21	.46	26 6

No. 4.—A special size, little lighter gauge, but very good quality, same make as No. 3. $21\times 19\times 36$ inches at 20 - each.

GALVANIZED WROUGHT IRON DUST BINS.

These Dast Bus are now in very great request, being strongly made, are very autable, and can be easily moved to any position, thus avoiding many inconveniences arising from the old kind. All fitted with Hinged Covers' and Sliding Doors in front.

		No	5.		
	1500	-	A STATE		4.152
1		/_		1	A
-	(2)	A.	Por Hannes	1	
118					1
123	(1) The		73	8	
100	q		0	3	1
	111		127	E13	

No	Length,	Width.	Height, Height, Back, Front,				6 1	Gauj	ge.			1	8 (Gaug	e.			2	0 (aug	c	
	inches.	inches.	inches.	Inches.			3.	E	ainte	ed.	(Falvo	ı.	P	ainte	d.	G	alvd		Pa	inte	d
1	21	18	25	26	4	18	d 6	1	14	d. 0	4	14	Ü	4	11	J	2	. 8	6	1	6	6
2	27	21	28	26	2	6	6	2	0	0	2	2	0	1	14	0	1	16	6	1	11	0
3	36	21	28	c 20	2	13	0	2	6	0	2	9	6	1	19	0	2	4	0	1	18	0
1	39	2.	32	28	3	2	0	2	11	0	2	16	6	2	8	6	2	7	6	2	0	0
a	42	23	-10	25	3	9	6	2	19	0	3	3	0	2	14	6	2	12	6	2	6	0
		de			-			-														

The above can be sited on Four Wheels if required. Nos. 1 and 2, 10 6. Nos. 3 and 4, 14 v. Nos. 5 and 6, 18 v each extra



GALVANIZED PORTABLE DUST BINS, ROUND OR SOUARE.

These are both clean and convenient for the daily accumulation of Dist. as also for or severe of same to Dustmen . Ca is Made of Strong Sheet Iron, and fitted with Cover and Handles,



	Galvanized	l after made.	
SQUARE.			ROUND.
	 1		

Measurement.	Prices.	Measurement.	Prices
Length. Width He.ght inches. inches. inches. 13 13 14 15 15 10 18 10 17 17 20 18 18 18 24	Strong Pattern, With Covers, With Covers,	Diam Height Strong Pattern, Without Covers. 13	Strong Pattern Light Eattern With Cover. With Cover. With Cover. d 4 9 each 5 3 0 each 5 3 0 4 3 0 each 5 3 0 4 3 0 each 6 9 0 5 3 0 each 6 9 0 5 3 0 each 7 3 0 5 9 each 7 3 0 each 7 8 9 0 0 each 7 each



7



COMBINATION DUST BIN.

Made of Galvanized Wrought Iron, fitted on 3 Wheels, with Draw Handle, including
Sifter and Cover complete.

No	Size.		Price, each.
1	2 ft. 4 in. × 1 ft. 6 in. × 2 ft. 0 in	***	 £3 3 0
2	-2 $_{\alpha}$ 8 $_{\alpha}$ × 1 $_{\alpha}$ σ $_{\alpha}$ × 2 $_{\alpha}$ 6 $_{\gamma}$		4 7 0
3	-3 ,, 0 ,, \propto 2 ,, 0 ,, \times 3 ,, 0 ,,		5 8 9



No.	Leng h	Width.	Height," Back.	Height, Front.	First Quality.	Second Quality	On 4 Wheels.
1	35	23	.16	34	53 -	44 -	15/- extra.
2	uå	2.	46	54	60 -	49 -	15/- extra.
3	41	35	.56	31	72 9	56,-	18,6 extra.
4	18	33	6.0	30	115/-	100,-	18,6 extra.
5	išo.	1.5	45	39	145/	127-6	

No. 9. GALVANIZED SANITARY SKEP.



Dlam.		Height.			
16	×	18			[85- each
17	×	20	***	***	10 ,,
18	×	24	11.7		12/- 11
19		30			16/6

No. 10.

THE MIDDLESBORO' GALVANIZED SANITARY PAN.



				In	che								
Size	24	×	16	×	16	×	24	W.O.		>40	Price	9/-	each
	24	×	16	×	16	×	22	W.G.	***		,,	10,6	
	24	×	16	×	16	×	20	WLG			32	11/3	
+*	80	×	16	×	16	×	24	W.G			21	12/-	12
	30	×	16	×	18	×	22	W.O.			91	12/6	
	20		10		16		90	200.00				1200	

No. 11.

THE LEICESTER GALVANIZED SANITARY BIN.



Size, 175 inches long × 17 unches wide, 32 unches high at back, 17 unches un front.

With Loose Cover, Pegs, and Drop Handles.

Page 10/8 each. If in lots of 3 days, 190-unch.

PATENT SIFTER CUPBOARD.

The Potent Coploard is supplied to receive a cifect long with a one not the sating of sales, the Dust Skep is prefet a supercover and can be taken out at wall

PRICES without Step

Parnted Bloc. Galvanted
with Gala'd | 1 Jaj

No. Sizes. Sifter. Oan.
1 16 × 16 × 24 22!- 28j.
2 18 × 16 × 9) 29... C3

3 24 x 20 x 33 38r-

WROLGHT BLACK IRON COAL SHOOTS.

October PRD FS

October Bac Goldon

October Ba

GALVANIZED ROUND DUST BINS,



1" 2" 15 · ... 18 24 17 ... 11 ... 20

GALVANIZED OVAL SANITARY PAN.

With Drop Handles.



19	m.	: 14	in. x 14	ín,		Price	116	each.
21	in,	k 15	$\mathrm{in.}\times15$	in.		11	12/-	*1
21	in.	< 15	in. \times 16	in.	***	**	12.6	11
21	in.	< 15	in, $\times 17$	111.			136	

GALVANIZED ROUND SANITARY PAN

With Fixed Handles.



Welded 1	Band Top.	Ноор :	at Bottom.
Height. Diam.			
14 in. × 14 in.			Price 7/- each.

CLOSET SHIELD.



Price 16 each	
---------------	--

ASH BUCKETS.



- 6	1 98	1010000
- 1	18	110 0
- 1	150	11120
- 10	12.31	
1	1 11	115116
- 10	1 5 6	11000
- 13	1.01	
10	191	11188
li li	3	1186
Serve .	muldered	STATE OF THE PARTY

- Carlotte Commence								
	in.	in,		Black.				
	15	12,		12,3 each				
	40.	. 13,	***	13 - ,.				

Galvanized. 16 . each

17 . .. 189 ..

GALVANIZED WROUGHT IRON SANITARY PANS FOR EARTH CLOSETS.

16 in. × 16 in.

* 18 in. × 18 in.



in, in, in, 17 × 14 × 16 deep, 5, - each. 17 x 12 x 15 .. 39 ..



m, in, in, 19 × 16 × 18 deep, 20 - each. 24 × 16 × 14 ,, 216 ,, If without Wheels, 5'- each less.



. 76 .

. 86 ..

.. 96 ..

in.		in.		in.				
16	×	13	×	17 (deep,	4	6	each
17	×	14	×	12	11	з	6	**

GALVANIZED AIRTIGHT RECEPTACLE AND COVER.



This Bin is fitted with an Airtight Cover, having Indiarubber Tube fitted round the flange of the Cover and secured with spring.

The bottom is protected and held firm by a strong

THE "PERFECT" SANITARY DUST BIN. (Registered).

Galvanized after made.



All Bins fitted with Seamless Cover fitting outside.

hoop at bottom.



Section of Bottom.

inches.		inches.		34 Gauge.	22 Gaug
16	***	20	***	6/6	7/3
17		22	***	7/~	8/-
18	***	24		7/9	 9/-

No. 16

Sizes Diameter over Flange.		Height.		≾ s. d.
17 in.		27 in.	***	1 7 0
19 in.	***	27 in.		1 10 0



	1						-	PRI	CE	s.				
Capacity. Length.	Depth.	Height.			No	. 13,					Ne	. 14.		
				Plack		Gold	stina bean	d or Osk.		Black		Gal	ranize med (it ne l Dalki
1 cat. 20	17	24	1	4	0	1	8	6	1	0	0	1	6	0
1 sack 20	17	36	1	14	6	1.	19	0	1	4	0	1	10	0
2 sacks 30	20	36	2	12	0	3	0	0	1	15	0	2	4	0





These are designed	for
use in Schools, Institution	ns,
Hotels, &c., and will	he
found most [useful in sav	ing
frequent journeys to ordin	rry

	Width	Height	Height	GALVA	NIZED.	PAINTED.		
Length.	Width	Back. 1	Front.	zut Quality-	and Quality	Quality.	20d Quality.	
35	23	36	34	57 -	48 -	45 -	36 6	
35	29	3C	34	65/-	52 9	50/-	42 -	
41	35	36	34	80;-	62/-	58/3	49 -	
48-	35	4.0	80	121 -	105/6	85 -	76 6	
60	35	15	39	160,-	135 -	115 -	102 -	

These are fitted with Guard inside, over-sliding door to prevent coal falling out.

They can also be mounted on wheels if desired.

GALVANIZED WROUGHT IRON RIVETTED CISTERNS Galvanized after made).

These are thoroughly tested before leaving Works. After delivery to Railway Companies, Carners, or Wharfingers, we cannot undertake any responsibility. All sizes as under kept in stock up to 500 gallons. Special sizes made to order in three to four days.



Can be fitted with Loose Covers, frequired, at small extra charge, also with part tions. Cisterns made to any size, shape, and strength.

Gallons. about.	Outside Dime	Depth.	W G. 18 W.G.	10 W G.	14 W G	12 W.G	àth Plate	Agth Piate.
20 95 30 40 40 60 70 100 101 25 177 200 256 308 308 308 308 308 308 308 308	ft. m	1 6 0 1 7 0 1 7 0 2 0 0 2 0 0 2 2 2 2 4 2 4 2 10 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3	11 0 0 12 1 11 7 0 13 1 12 6 0 14	0 15 9 0 17 8 8 1 0 0 1 2 0 1 5 6 0 1 7 6 6 1 0 3	## 8	\$\int \text{\$\frac{1}{3}\$ \$\frac{1}{6}\$ \$\frac{1}{1}\$ \$\frac{1}{6}\$ \$\frac{1}{1}\$ \$\frac{1}{6}\$ \$\frac{1}{1}\$ \$\frac{1}{6}\$ \$\frac{1}{1}\$ \$\frac{1}{6}\$ \$\frac{1}{1}\$ \$\fr	\$\begin{array}{cccccccccccccccccccccccccccccccccccc	5 a. d

When ordering kindly say which of the Sketches you require, 1, 2, or 8.

Additional Flanges to 1 inch, 1/8 each extra. If with Cast Bridge Manhole, 10/- each extra. If with Wrought Bridge Manhole, 20.- each extra.



GALVANIZED WROUGHT IRON RIVETTED HOT WATER TANKS, fitted with Bolted Manhole and Cover,

Galvanized after made.

Tested and Guaranteed Sound before leaving Works.

	0	stade Dimensions.	No. 16 Gauge	No. 14 Gauge.	No. 12 Gauge.	g Plate.	Pr Plate.
Capacity	Length	Width. Dept	Tested to a pressure tlb, per squire inch, 2 ft, head of wat t	or tib. per supare inch. or	Time to a pressure of 40% per square inch, or 50 head of water	Tested on pressure of 5-bs. per square inch, or 10 ft brad of water.	I seeded to a pressure of 111bs, per square inch. or 30 ft hand of water
Gallons.	ft, in.	ft. in. ft. i	n. £ s. d.	£ 8 d.	£ s. d.	£ 8 d.	£ s d.
20	1 6	16 1	1 1 0	1 2 6	1 8 0	1 10 0	2 10 0
2,	2 0	1 4 1	1 3 0	1 4 6	1 12 0	1 14 8	2 16 6
30	2 0	1 6 1 3	1 5 0	1 7 0	1 15 0	1 17 0	3 3 0
40	2 2	1 0 2 0	1 10 0	1 12 6	2 1 0	2 4 0	3 10 0
50	2 6	1 8 2 0	1 17 0	1 19 6	2 7 0	2 10 0	4 0 0
50	2 0	2 0 2 0	1 17 0	1 19 6	2 7 0	2 10 0	4 0 0
60	5 6	9 0 2 1		2 6 0	2 15 0	2 17 6	4 10 0
70	3 4	2.0 % 2			3 1 0	3 4 6	5 2 6
8 1	3 0	2 0 2 1			3 7 0	8 10 0	5 15 0
100	3 (7 3 2 1			3 12 6	3 16 0	6 7 0
100	3 0	2 7 2 4			3 15 0	4 0 0	6 15 0

India Rubber Rings, 2 6 each extra.

Bridge Manhole, with Cast Bridge, 10 - extra.

Screwed Flanges or Boss Plates, up to 1 inch, 1/6 each extra Bridge Manhole, with Wrought Bridge, 20,- extra

WROUGHT IRON RIVETTED EXPORT TANKS.



These Tanks are used as Parking Cases for conveying goods by ship instead of Wooden Cases, they keeping the goods free from damage 14 water, and at destination are sold for the purpose of Storing.

	T-0 56					
Capacity,	ength.	Width.	Depth.	Gauge.	Painted Outside, Limewashed Inside.	Galvanized Inside and Out after made.
Gallons. ft 50 2 3 100 2 200 200 3 200 4 200 3 200 3 200 3 200 3 200 3 200 3 200 3 200 4 200 4 400 4 400 4 400 4 400 4 4	.n 2 7 7 3 3 3 1 1 3 3 3 5 8 1 1 1 1 1 1 1 1	ft. 10. 2 1 2 7 8 8 5 8 5 2 1 4 1 8 8 3 3 3 4 1 4 1 4 1 4 1	ft. in. 2 1 2 7 3 8 5 8 4 1 2 1 5 9 5 7 8 8 1 1 1 1 1 1	16 14 15 13 13 13 12 11 3.16 15 15 13 12 11 8,16	£ s. d 1 f 3 d 2 d 3 d 6 2 d 2 d 6 2 d 2 d 6 2 d 6 d 2 d 6 d 6 d 6 d 2 d 6 d 6 d 2 d 6 d 6 d 6 d 2 d 6 d 6 d 6 d 2 d 6 d 6 d 6 d 6 d 6 d 6 d 2 d 6 d 6 d 6 d 6 d 6 d 6 d 6 d 6 d 6 d	£ s. d. 1 15 3 2 8 0 3 14 8 3 14 0 0 4 10 0 4 10 0 4 17 6 5 5 0 5 11 4 6 0 0 6 15 6 7 10 0

The above are with 14 in. Cast Manhole Cover. Prices of Manhole larger than 14 in., viz., 16 18 20 22 24 in.

Painted 3/- 4/6 6/9 9/ 11/3 each. Galvanized 5/8 8/8 12/- 15/9 19/6 , Taps with usual Lever or Spanner # in., 8/9 1 in., 6/9 each, Cutting and Stopping, 1/6 extra. If with Beer Cock Keys ...

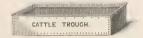
Hop Tanks with entire Removeable Top, 50 to 100 gallons, 7/6 per Tank extra. 200, 300, 400 ., 11/8 ...

If with 14 in. Manhole in same, 3,9 extra,

Heavy Safety Edge, quoted for specially.

GALVANIZED AND PAINTED WROUGHT IRON TROUGHS.

Fitted with Bands round Top or other well-known Climax or Safety Edge.





Ellerner of wars			16 Cauge.	16	Gauge.	1 4.29	iste.	
	Lo.	Water	Depth-	Galvanized.	Galvanize	Painted.	17 10 10	Paper
	(t b 3 0 4 0 5 1 6 . 7 P 8 0	ft n 1 c 1 f 1 f 1 c 1 c 1 c 1 c	# 15 1 1 1 1 1 1 1	2 5 6 1 10 1 12 0 2 2 0 2 8 0 2 11 6 8 1 5 6 c	# 1 12 1 12 1 18 2 5 2 13 6 2 19 5 6 0 8 12 1	2 8 d. 1 a 0 1 16 o 1 16 o 2 2 6 2 8 d 2 11 0 3 a	£ 5. d. 1 [8 6. 2 8 0. 3 0 0. 2 10 0. 4 10 0. 5 0 0.	Z s. d 1 10 0 1 17 2 2 4 0 9 12 0 3 - 0 3 15 0
!	1 0 0 5 0 7 2 0	1	1 1 1 1 1 1 1 1	1 .2 0 1 18 6 2 1 0 2 11 0 2 7 0 1 3 0 10 1	4 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 % 0 1 13 4 1 19 0 2 1 6 2 1 6 2 15 0 2 15 0	2 2 0 2 10 2 18 0 1 18 0 1 16 0 1 7 0 1 4 0	. 11 6 .8 6 9 5 9 3 6 0 0 0 8 8 6 5 10 0
	7 0 8 0	9 11 2 11 2 12 2 1 2 1 2 1 2 1	2 1 2 1 2 1 2 0 2 0 2 0	2 4 6 2 1; 6 3 ; 6 3 ; 6 4 1; 6 4 1; 7	2 27 7 3 21 0 1 2 3 1 16 4	2 10 0 2 10 0 2 10 0 5 8 0 3 17 1 4 6 0	3 4 0 3 4 4 4 11 0 5 4 4 5 8 0 9 11 4	2 0 1 3 12 6 4 4 0 9 1a 6 5 7 0

Fitt discretize Box (tor 3al Cock, at end. 1 1 126, 1 4 146, 2 or 20, - each.



GALVANIZED WROUGHT IRON SINKS.

Leigh, arches	Walth, sinkes	Depth, inches	16 Gauge.	14 Gauge.
21 32 12 18	15 16 18 18 21	6 6 9 9 9	18 - 21 - 25 - 29 - 32 6	19 6 24 · 28 · 31 6 35 6 42 6

If fitted with Loose Strainer, Brass Union, and Trumpet Valve, as illustrated.

 $\frac{1\frac{1}{4}}{4}$ $\frac{1\frac{1}{2}}{4}$ $\frac{2}{17}$ inch. 12 6 15/- 17 6 extra.

If fitted with Brass Plug and
Washer, with Union.

1 1 2 2 inch.

5 3 7 10 6 extra.

No. 1 -With Serew Down Cover



No 2 With Hanges Cover, Hasp, and Staple



GALVANIZED DIPPING TANKS

These Dipping Tanks are now enforced by the Water Co.'s in every Stable Yard Fitted with Partition 8 inches from end, and 3 inches from bottom, with Cover to screw down or hinged.

								N	. 1.						
Callons.	Len	gtb		W	idth.		De	pth.			4 W (3		Prote	
ab ut 60 85 100 125	3 3	20004	× × × ×	- 21 21 21	10-11-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	× × × ×	631 23	0 4		3 3 3	17 4 10 18	0 0	3 4 4 5	15 1 15 6	0660
150	n		*	2	6		2	it N	. 2	4	14	0	6	5	0

Gallons.	Len	gth.		W	dth.	De	pth.	1	. W.C		A	Plate	
8brut 60 80 100 125 150	3	0	× × ×	12	10 0 0 7	 21 21 21 20	4 4 5	4	3 11 17 19 12	0 0 0 0 6	4 4 5 5 6	2 8 2 16 11	0 0 0

WROUGHT IRON TANKS FOR WATER CARTS AND VANS.

FITTED WITH HINGED MANHOLE AND COVER.



Capa my	Lenct		Width.		Deeth.		r	RICES,	l'alisted				PR	ICES,	Galvania	rd,		
Gul en	Pedit		Width.		Depth.		12 W.	G.	1/6	Plate			12 G		1,	/S Pist	e.	
						£		d	±	8	d.	Æ	,	1	£		d.	
100	4 ft n.		3 ft. + n	<	1 ft. 4 π	3	14	0	4	4	0	4	5	0	5	18	0	
1,50	t 6 ,.	*	3 7 .,	*	1 ., 7 .,	4	7	0	4	18	0	5	1	0	7	0	0	
17.0	1 0 ,.	*	3 , 7 ,,	4	1 , 9	4	14	0	5	5	0	5	9	0	7	11	0	
20.	F 11 0 4	*	3 7	×	1 10	5	1	0	5	12	0	5	17	0	8	2	0	
2.40	5 ., 6 .,		8	×	2,	5	15	0	6	10	0	6	14	0	9	6	0	
300	C O		8 n. 9 n	<	2 3	6	10	0	7	8	0	7	12	0	10	10	0	

Screwed Flanges for Taps up to 2 in., supplied and fixed without extra

Galvanized Iron Taps with Lever Handles as follows:--1 in. 8/, 1½ in. 18/6, 2 in. 20,9, 2½ in. 39 - each.

LIGHT GALVANIZED CIRCULAR CISTERNS FOR OIL OR WATER.



	Dinin.	Height	For W	fater	For Oil.					
Galls.	inches.	inches	Open.	With Loose Covers	Open.	Fixed Covers & brass Bangs				
	11	15	8/6 each.	9 weach.	9 - each.	10 si each				
10	11	21	10 3	11 6	11	12.6				
15	10	1-2	14/	10	10	16/				
11.5	173	24	17.9	201	10	21				
250	1.0	30	21.6	23 6	921	20				
40	21	3.3	26.6	29	27.6	3 . 6				
1	2,	35	30	32 9	31 .	34 6				
CO	2.1	36	34.9 ,,	57.6	36 :	40				
2611	27	4.2	47 - W	19 3 0	4.1	52,6				
1011	27.0	48	.21.	50.6	54.6	607				

	0.0	4.7	"			20.0		00) 31	
Brass	Bib Cos	ls for	above,	nel iding	Flange a	nd Fixing	å .n.	4/9 cach.	
				17			ž	66	w

STRONG PATENT TINNED IRON OIL CISTERNS.



Protected with guard and lock, wood bottom under the tunned iron one, lock laps with loose skys, hild-hingel cover at top fatter with lock, are, pa titted complete. These Castems are made toy, 'strong, the bottom hoop supported to the world stand. At each seam are stays round the Castem to the stand, and the stand are firmly grouved together and produced from the loes in material.

1.0		7.1	15	- 0	80 gallons /	Æ	- 0	0				
20		2	0	0	100 ,.	á	13	6				
80	11	2			150	5	13	6				
40		2	15	0	200 ,,	6	18	8				
J.O			- 5	10	2.0		0	0				
60		3	10	0	300	9	6	9				

A Seat can be sent with above Castern for drawing off the cel from the surface if required, at a small additional charge.

TINNED OIL. TURPENTINE AND NAPHTHA CISTERNS, Painted outside, with Loose Cover and Brass Screw Taps, or with Tight Covers and Brass Screw Bungs and Taps.



10 1.5 21 & & s. d. & & s. d. 20 19 12 0 18 0 vach. 1 2 0 eac 20 19 12 0 16 0 0, 110 0 0, 25 19 30 110 0 0, 114 0 0, 30 21 30 22 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6 0 0, 2 6	255
20 19 26 1 6 0 , 1 10 0 , 25 19 30 1 10 0 , 1 14 0 , 30 21 30 2 2 0 , 2 6 0 ,	
25 19 80 1 10 0 , 1 14 0 , 30 21 30 2 2 0 , 2 6 0 ,	h.
30 21 30 2 2 0 ,, 2 6 0 ,,	
30 21 30 2 2 0 ,, 2 6 0 ,,	
40 22 36 2 15 0 2 19 0	
50 24 36 3 5 0 ,, 3 9 0 ,,	
75 27 42 4 10 0 4 14 0	
100 27 55 5 5 0 , 5 9 0 .,	
150 30 60 6 6 0 , 6 11 0 ,	
200 83 72 7 5 0 7 10 0	
250 35 79 7 15 0 , 8 0 0 ,,	
300 37 84 8 15 0 9 0 0	
400 48 83 11 5 0 11 10 0	

If fitted with Wire Gauze Bungs and Taps extra-Other sizes made to order.





Galls,	Length.	Width	Depth.	Price.
20	16 .	16	24	21.
30	18	18	80	31 -
40	20	20	30	36 -
50	21	21	36	13
60	28	28	36	51
80	23	23	48	58 -
.00	26	24	48	76%

Brass Bib-cocks for above including Flange and Fixing,

				eacn.	
3			6.6	4.4	
-1	41		9/-	91	



These Casks, similar to sketch, can be handled with equal finelity to wooden barrols, evening to their strength and durability, can be used over and over again for an indefinite period. They are perfectly figuid high, being used at a very high air persons, and unlike wood, to may shoot any of the omatass. They are all fitted with interchargeable server congeturence measures were not order and rate also be fitted with every us to mead, for its word of the contraction.

They are specially adapted for all kinds of Chemical Products, Glycerine, Spirits, Gils, Turpentine, Petroleum, Benzoline, Varnishes, Tar, Naphibs, Mioeral Extracts, and Inflammable Liquids of every description.

PRICE LIST. All Casks Painted Outside.

			EXTR	A STRO	NG.										LR	HTER	MAR	E					
Capacity.	Dian	Rolling Hoops.	Length.	Approxi- mate Weight	Black			Lead oated.	-	Tinr or Jalvar		Capar ty		kolling Hoops	Lei gth	Approxi- mate We ght.		ack on-		Lead		Tinne Galva	
Gal.on.	inches.	inches.	inches.	1bs.	2 %	d.	S.	S. 0	j	B s	d.	Gallons.	r ins.	ins.	ins.	lbs.	.0	. d.	£	8.	d.	£ n	. é
10	22	25	38	130	2 11	0	2	16	0	3 10	0	40	22	241	33	114	2	6 0	2	10	0	8 0	0
45	28	26	35	184	2 16	0	3	1	0	3 15	0	4.5	23	251	85	122	2	B 6	2	13	0	8 5	0
50	28	26	87	137	2 16	6	3	2	6	3 16	0	50	23	251	37	124	2 1	0 0	2	15	0	3 7	. 6
60	26	29	36	174	8 8	0 :	3	10	0	4 7	6	60	26	281	86	188	2 1	8 0	2	17	6,	3 10	0
7.5	28	29	42	217	3 16	0	4,	4	0	5 7	6	75	26	281	42	156	8	8 0	8	7	6	4 2	. 6
80	28	81	40	245	4 2	0 ,	4	12	6	5 15	0	80	28	801	40	192	3 1	0 0	8	15	0	4 15	0
100	80	55	48	272	4 10	0	5	()	0	6 7	6	100	80	321	43	209	8 1	7 6	4	5	0	5 5	0
120	311	843	48	328	5 0	0	5	12	6	7 5	0	120	811	34	48	248	4	5 0	4	15	0	6 0	

Rivetted Gas Flanges and Screw Plugs for Taps, 3 - each extra.

GALVANIZED CIRCULAR CISTERNS FOR GAS ENGINES

These are made of Strong Iron, Galvanized after made, with or without Guard, and a strengthening Wood Slab under the bottom to give stability.



				S.71							1.Lick	5.
	ft.	()	n,	×	1	ıt.				Æ1	18	6
ā		0		*	1]	11				2	7	6
1					-					2	12	6
		()		×	1					2	2	6
ř		47			¥					2	12	6
ť,		97	j v		2		,			2	12	6
		D			:		C			2	16	6
		()	11		1	11	-)			3	1	0
7		1)	11		2		9			3	17	0
7		Ĺ	* 6	%	3	**	1			4	0	0

If fitted with Guard or Funnel, 5 ft. to 6 ft., **7 6** extra each.

Do. do. 6 ft. to 7 ft. 6 in., **9/0** ...

If without Wood Slab under bottom, 2 6 each less

PAINTED OIL DRUMS.

Gallons.	Diam., inches.		Height, inches.	Lead Coated on Black.	Pure Tinned.
1	5			13	1/9
1	6.5	×	10	16	2/0
1		×	131	26	3 6
3)		1.6	3/0	5/0
	10		12	4.0	6.0
ā.	11	×	17	4/3	6.6
6	11		17	5/8	8.0
7	12	×	20	6/0	9/0
8		×	1711	6.6	10/0
1.0	1.	×	21	7/6	116
1.9	14		24	9 6	14/0
14	. 4		27	11'0	15/6
16	16		21.	129	18 0
18	16		27	146	21 0
1160	.8	×	24	166	23 0
	15-		241	19.0	20.0

21 0 33 0

A

Gallons.	Lead Coated or Black,	Pure Tressed.
1,	2 - 2 9	26
2	4/	46
3	5 -	5/9
4 5	6/9	8
	7/9	9/-
6 7	83	10
8	9/	10 9
g g	10/6	12/6
10	116	13 6
12	13 6	15 9
11	169	196
16	20	24 -
15	23	27
20	26	31

TAPER NECK BOTTLES.

GALVANIZED AUTOMATIC FLUSHING TANKS AND SYPHONS.

Automatic Flush Tanks fitted with cast iron traps, stand pipes and cylinders and brass supply cocks.

	Galvaniz (:	ed Wrong 8 Gauge,	tht Iron.			Pain	Bu ted.	ACKI	Galva	n.zed.
5 6 8 10 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 0 9 6 6 0 6 6 0 6 6 0 6 6 0 6 6 0 6 0	Cover	1 1 2 2	24 4 8 0 2 6 0	1 1 1 1 2 2 3	66666666		3 3 3 5 5 7	000000000000000000000000000000000000000

DIAMETRES OF OUTLETS FROM AUTOMATIC FIGSH TANKS AND DISCHARGE PIPES TO URINALS

| Operation | Dispute of Opini | No. of Style | Coperation | No. of Style | Coperation





Galvanized Wrought Iron Flush Tanks with painted cast fron traps and wrought iron cylinders. 50 gallons to 80 gallons, 18 gauge sides and 16 gauge bottoms, 100 gallons and over, 16 gauge tides \$\frac{1}{2}\$ in plate bottoms.

	Price		Size of Outles.
£ 3 3 4 4 4 5 5 6 9	12 18 2 8 16 18 2 15 0	d 0 0 0 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 in. 3 in. 4 in.
14	5	0	4 in. 4 in.
	33444569	± 5 3 12 3 18 4 2 4 8 4 16 4 18 5 2 6 15 9 0	3 12 0 3 18 0 4 2 0 4 8 6 4 16 0 4 18 6 5 2 6 6 15 0 9 0 0

N.B.—The 150 and 200 gallon tanks can be fitted with 6 in. outlet if desired. Brass regulating valves for fixing on wall, set to fill

ADAMS' PATENT AUTOMATIC SYPHON FLUSH TANK.



Fid. 3

		1.7	g. o.				
10	Gallons	3 11.	ch outlet	Æ	6	0	
10		3		3	12	0	
20	**	3	**	4	0	0	
25		33		4	5	0	
30	**	3	**	4	12	6	
10	32	4	P	5	0	0	
50	31	4		5	12	6	
30		4	19	5	17	6	
70		4		6	0	0	
80	11	4		6	5	0	
100		1	**	7	5	0	
120	13	4	10	8	0	0	
150	33	4		8	10	0	
200		1		12	10	0	

Fig. 3a.

This Tank is the same in action but lighter in gauge throughout and in general construction, and has a Fainted Cast Iron Trapping Box. It is equally effective in operation, but from its less heavy make has not the same durability and is not sent out unless specially ordered.

10	Gallons	£3	4	0	50 (Gallons	£5	0	0	
15	13	3	10	0	60	Jo	5	5	0	
20		3	15	0	7.5		5	12	6	
30		4	7	6	80		5	17	6	
\$75		×	4.5	0	100		0	40	0	

GALVANIZED WATER WASTE PREVENTERS, FITTED WITH BALL COCKS COMPLETE.



No. 4. -Single Action.



No. 16.—Single Flush (Double Action). | |Fitted with Cover.

Made of No 20 W.G.

Tested, Stamped, and Approved by
the New River Water Company.

Price 19 - each.

GALVANIZED WROUGHT SUPPLY CISTERNS WITHOUT FITTINGS



Length.	Width.	Height.	With Covers.	Without Covers.
inches.	inches.	inches.	each. 4/9	each. 4/8
15	6	12	5/6	5
18	8	12	8/-	6/6
18	11	12	9/-	7,8
	inches. 12 15 18	inches. 12 6 15 6 18 8	inches. inches. inches. 12 6 12 15 6 12 18 8 12	inches. inches. inches. each. 12 6 12 8/6 15 6 12 8/6 18 8 12 8/-



THE "MAIL" SYPHON CISTERN.

Sure. Simple. Silent

Flushes the moment the Chain is pulled and discharges rapidly.

Passed and approved by all the Leading Water Companies.

2	Gallons							Æ0	17	0
3	19									
2	19	Star	nped N	EW R19	ER		***	1	2	0

GALVANIZING-2 Gallons, 7/6; 3 Gallons, 9/- each extra.

WINN'S PATENT "ACME" SYPHON.



WINN'S PATENT "ACME" SYPHON.

			E 4	ainted		Gal	vania	red.
2 Gallons Flush			Æ1	1	6	Æ1	10	3
8 ,, ,,	 ***	***	1	5	0	1	13	6

WINN'S PATENT NEW RIVER SYPHON (Stamped).

	Sixes.				P	ainte	d.	Gal	lvaniz	ed.	
2	Gallons	Flush	 	 	£1	5	0	£1	15	0	
8			 	 	1	8	6	2	0	0	



THE "C C" WATER WASTE PREVENTER.

Pull and Let Go Syphon Cistern, with Well.

Silent in action. Absolute Certainty in Flush each time Lever is pulled

2	Gallons.	Painted				£0	11	6	each
3	.,	19				0	15	0	
2		Galvani	zed			0	18	6	
							-	_	

GALVANIZED PIG TROUGHS.



With new Improved Cross Bars.

Bars and Galvanized afterwards, Unbreak-	No. 50 8-m. Wide	in Desp	63 79	7 6 9 6	8 9 10 9	10 3 12 3	12 3 13 9	13 9 15 -	15 - 17 -	16 6 18	18 6 20 -	21 · 22 6	25 -	
Nos. 50 and 51 have Cross	Bars arranged to feed .		2	1	5	6	7	8	9	10	11	12	13 Pigs.	
No 52 has Cross Bars arras	grad to food		-0		A	5		7	м	- 1	10	11	19 .	

DOUBLE TROUGHS.

Especially useful for Sucking Pigs and Small Stores



	60	S ft.	long	30	11 in.	wide.	Bars	arranged	to feed	10 Pigs)	lust Weaned			1 11	1 - 6
	61	1 11			1 m					14 .		Just Weaned		***	114	
**	62	5 ft		×	14 m.					12	,				1 18	
**	63	6 ft.		×						. 1		For Stores			20	
	64	ð ft.		×	20 in.					2	,				21	
**	65	 G ft		36	20 in-					1.		For Stores and Fat P	'igs		22	

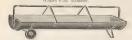


NORFOLK PATTERN, with High Back.

No. 59	11 m.	Wide	× 5	in De	p.	
S ft.	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft long.
 109	13 6	16 -	183	21 -	23 6	27 6

WROUGHT IRON SHEEP TROUGHS,

WITH INSIDE BEAD AND STAMPED STEEL ENDS. 14 ins. wide and 8 ins. deep, and stand 18 ins. from ground.



Galvanized after made, very strong and serviceable. No. 1 ... 8 feet long without wheels, and Top Rail ... 23/

	-									
			M	lade f	rom Ga	utvaniz	ed She	ots.		
19	6		9	71	with 4	91	35	**	***	30/-
22	5		9	19	with 2	10	15	31		27/6
17	4		9	91	without	31	13	21		24,6
22	3		8	19	with 4	12		51		28/9
ь	2		8	11	with 2	27	11	11		26/3
1101	^	***	0 10	et long	WILLIOUS	Wifecipa	and rol) Kan	***	20)

No.	7		N fe	et lon	g without	wheels	and Top	Ra,	18
	8		Ь		with 2	44			22
	9	***	8	,,	with 4		31	13	 24/
10	10	***	9		without	.,	***	11	 20/
., :	11	***	9	19	with 2		11	19	 28,
	12		9		with 4				26

9-inch Wheels 1 3 extra on Two Wheel Troughs.

SAME AS BEFORE, EXCEPT THREE CROSS BARS IN PLACE OF TOP RAIL.



Galvanized after made.

No.	13	 8	feet long	without	wheels,	and Three	Cross Bars	22
29	14	 8	- 13	with 2		32	24	25/-
33	15	 8	n	with 4	11	33	11	27,6
37	16	 9	19	without	11	12	91	23/-
11	17	 9	11	with 2	19	11	21	263
	48	0		mith. 4				000

Made from Galvanized Sheets,

No. 19		8	feet long	without	wheels, a	ind Th	rech	Cross	Bars	18	3
,, 20		8	19	with 2	50	33		15		21 :	3
,, 21	***	8	.,	with 4	13	91		59		23 9	9
22		9		without						20	
., 28		9	13	with 2	13	*1		11		22 (В
., 24		9		with 4						96	

All the above can be had with Outside Bead at 1 3 each extra.



TUBULAR BARROW.



STRONG WROUGHT BARROW ON ANGLE



GARDEN BARROW.



BOY'S BARROW.



FRAMES AS FOLDED FOR SHIPMENT.



COKE OR GOAL BARROW.



ROUND FRONT COAL BARROW.



BODIES AS PACKED.



EXTRA STRONG FOUNDRY BARROW.

WROUGHT IRON WHEEL BARROWS.

See obhosite Pare

						SEE	op.	post	se I	age								
									Mess	uremen	du.						Prices, each.	
Pattern.				ngth :		ength Botton			th of		h of Bob at Back		pth at Inck.		pth at Front.	Japanned all over.	Galvanized Body only.	Galvanizei all over.
	No	1		inch	m 1	5 incl	hes	20	inches	141	inches	5 1	nches	9	ınches	25/6		30/-
Tubular Barrow	**	2	29	27	1	7 ,,		24	,,	16}	13	6	,17	12	13	29/-		33/9
Tubuar Barrow		3	33	1 ,,	1	в "		97±	33	18	17	71	33	15	33	33/9		42/-
	,	4	37	23	1	8) ,,		29))	19	,,	9	33	18	22	39/6		47/8
		1	28	.,	1	В "		284		17	12	5½	33	12	,,	26/9	28/9	33/9
Strong Wrought Barrow on Angle Iron Frame.	2.3	2	33	33	2	D ,,		$27\frac{1}{2}$	27	18	13	65	,,	, 14	39	80/6	32/9	37/3
		3	30		9			29		185		75		16		34/6	38/6	43/6
Goal Barrow.	,,	1	32		, 1:	۹,		21				Si		165	1)	32/9	38/8	43/6
	**	2	35		29) ,,		95				11		18		36/6	41/-	47/-
Sounded Front Coal or Coke Barrow, Angle	11	1	36	33	1.13	, ,		26	23			8	22	18	22	38/8	46/-	52 j-
Frame and Steel Wheel.		2	39	23	11	,,		28	13			10	п	21	1)	42/-	59/-	57 <i>j</i> 8
	**	90	21	,,	13	3}		19		13		19		9		18,6	19,6	23/8
		0	23		10	· .,		91	11	1+		5		11	11	23/-	21}-	25/-
		1	28	13	17			23		173		6		131	22	22/9	24/3	29/3
Garden Barrow.	+1	2	31	22	15	<u>,</u>	- 1	26	17	18	33	7	3.7	15	,,,	27/-	28/9	84/9
		3	36		15	5 0		31		195		8		160	"	31/6	33 3	10/-
	.,	4	38		91			32		194		9		18		36/6	38/3	16/6
Boy's Barrow		1	17		11	5 ··		16		11				7			11/	
	",	1	41		20	ij.,.		36		18		12	.,	21	,,	70/-		
Pater Steams Venners Rayres 14 G. Steal		2	39	12	20	1		33		$18\frac{1}{2}$	17	10	1	22		61/-		
Extra Strong Foundry Barrow, 14 G. Steel Body, and 18 diar, Steel Wheel.		3	36		18	,,		30	31	14	9	10	13	21	D	62/-		
		4	36	,	18	29		31	53	14	,,	7	>>	17	n	56 <i>j</i> -		
		5	34		18	54		29	п	18-	61	7	.,	14	,, [59/6		

Special Prices given for Quantities, also for Barrows made to Order.

MOULE'S PATENT EARTH CLOSETS.

APPARATUS FOR USE IN CLOSETS.

A Clase may be fitted with any one of the holon-described form of earth-clast apparatus to as to greent much the stame of ward apparatus cas as water-closed of the best construction, and at the same time to be entroly free from its many inherent defects: that which is at present injurious and worthicks being rendered harmless and of saline. Closet thus fitted and worthicks being rendered harmless and of saline. Closet thus fitted their use being now greenfly industried,

Each form of apparatus throws one and a half pints of earth each time the



Pice #2 4 0



Apparatus No. 1.,
"Pull out," is a somewhat
rough-looking form of apparatus In this instance the
charge of earth is delivered
on the pulling out of a handle
at the front of the closet.

Prov. 81 16 0.

with seat fixed, ready for placing in postion. The seat is 8 ft long, but can be cut to any other length. Total depth back to front

Price Æ3 0 0

Apparatus No.



Apparatus No Ia. is similar to No. I., except that it is sent out on bearers, with seat fixed ready for placing in position. The seat is three feet long, but can be cut to any other length. Total depth back to front 2ft.

Proce #2 7 6

NOTE Apparatus Nos. I. and Ia are constructed under a patent by Henry John Gridestone and John Hard Gridlestone.



Pres £2 10 0.





MOULE'S PATENT EARTH CLOSETS.



APPARATUS No. IIIa.

" Self-Acting." Is sent out on Bearers, fixed ready for encasing.

> Total Depth, Back to Front, 2 ft. 31 m. Seat 1 ft, 10 in. wide.

PRICE



"PULL-UP" APPARATUS No. 1b.

Is similar in its mechanism to IA, except that the charge of earth is delivered on pulling up a plug which is in the seat of the Closet. The plug and the run under the seat are of galvanized iron. This Apparatus is sent out on four

legs, and with seat fixed ready for encasing.

The seat is 3 ft. long, but can be cut to any other length. Total Depth, Back to Front, 2 ft. 31 in.

PRICE

PEDESTAL EARTH CLOSETS

FOR THE HOUSE.

The new departure in Earth Closet construction is in all respects perfect. Every part but the hopper of unused earth is open to light and air. The closets are strong, and being very compact, may be placed in chambers of small size.

In most positions they require no other fix ng than can be effected by anyone capable of using a screwdriver, and that in a few moments, or the Company can fix them.



'Pull-Out' Pedestal A.

PRICE

£5 10 0.

The seat and casing of hopper are of varilshed teak. They are complete with pail and brackets

+--+--+

"PULL-OUT" PEDESTAL A.

MEASURES-

I ft. 8 in. ... from side to side.

ft. 1 in ... high,

Pedestal B is similar to above, but is fitted with "Pall-up" action apparatus. Measures 2 ft. from side to side 2 ft. 6 in. from back to front, and 3 ft. 2 in. high. Price £7 12 6.

Pedestal C is fitted with self-acting apparatus,

Price £7 2 6.







GARDEN ENGINE.



Similar to No. 1; but lighter make, and fitted with new pattern Pump.



6		GARDE	N EN	GINE			
В	10 Gallons				£3	10	6
n	14				7	2	C



7 18 0

н	OSE	REELS			
Nos	To coil 50 ft. } hose.	To coil 100 ft	To coil 200 ft. 2 mase	To coil 300 f. 4 hose	
Light Painted, each				1	
Laght Galvd. ,,	10/6	12,6	14 -	, % -	
Strong Painted ,	10,6	15,9	18	2	



FIRE HOSE REELS.

This Reel is specially constructed to carry Leather Hose. Extra strong iron frames,

N		Length of Barrel.	End Dia, of Barrel	Ga	Price, lvanin	ed.
1	i	17	21	í	16	0
2		20	28	2	2	0
3		23	28	2	10	0
-						



From the collections of Sydney Living Museums / Historic Houses Trust of NSW





These Water Carts have been made for one in the garden, plansare grounds consist and foot all, field. Their way, ong arranged to suit pers or some. They can be fitted with Pimp for conjunct, cospects, and a spreader can also be fixed for distributing some over the field. Capacity, about 100 galoons, mounted on 42 ages day. Wrought Iron Wheels and Tubu ar Spatts.

Price No. 1 £15 15 0 Extra if fitted w t i J in Pamp, 10 ft Hose and Steamer £3 0 0 2 15 0 1 in. Flange and Bress Tap

Price-No. 2 £15 15 0 ExtRa if fitted with 3 in Pump, 10 ft Hose and Strainer .. £3 0 0 1 in. Flange and Brass Tap





Cover. Wrought Iron Frame and Shafts, and large

Wrought Iron Wheels-The Tank or Tub swings on strong Wrought Iron for filling or other purposes by tilting the shafts.

No. 3. Wrought Iron Water Cart, with Galvanized Body, black under-work,

Size of Tunk-About Galle. WMp. £12 15 0 120 14 10 0

40 gallons 11 0 0 100 .. Highly commended, being strong, light, and cheap.

From the collections of Sydney Living Museums / Historic Houses Trust of NSW



STOCK SIZES AND WEIGHTS OF WASHING COPPERS.

Inside Diameter at Top.	Distreter of Bottom at Lag.	Depth of Sides.	Contents in Gallons.	Approximate Weights.
				0.11
14 in.	11½ in.	11 0	6	9 lb.
15 -	12 ,,	12	7	10½ ,,
16	13	141	R	12
17	134 ,	13	9	131 ,,
16	14	14 .	10	15 .,
19 .,	15	15	13	18 ,,
20	16 .	16 7	1.4	a) 0
21 ,,	17 ,,	164	16	24 ,,
29	18 ,,	17	18	27 .,
23 .	19 .,	14 .	20	30
24	193	14	23	344
25 .	20 ,,	90	26	39 ,,
26	21	21 .	30	45 .
28 .,	23 .,		37	56 ,,
30 .,	25 .,	19	45	68 ,,
32 .	26)	16	55	83 ,,
31 ,,	28 ,.	77	G.t.	96 .,
36 ,,	30	u ,	70	106 ,.
40 ,,	35	2.0	105	158 ,,
			100	

Price per lb. on application.

COPPER CIRCULATING CYLINDERS.







	O .			1		1				
Diameter.	Zength.	Welght.	Contents.	Diameter.	Length.	Weight.	Contents.			
Inches.	Inches	Lbs.	Gallons.	Inches.	Inches.	Lbs.	Gallons.			
12	36	36	17	20	36	76	10			
14	36	44	20	50	39	80	43			
14	39	46	21	20	42	88	46			
14	42	48	90	10	48	96	53			
15	36	48	23	(1)	51	109	56			
15	39	50	24	0	54	120	60			
15	42	53	26	20	60	135	66			
15	48	58	50	99	66	150	74			
16	36	53	25	20	70	176	77			
16	39	56	17	0.0	36	85	48			
16	42	59	99	99	39	90	52			
16	48	65	3.4	0.0	49	95	56			
18	36	64	3 '	29	48	105	64			
18	39	68	35	22	51	120	68			
18	42	72	37	24	36	93	62			
18	48	80	43	24	42	108	67			
18	51	80	+6	24	45	120	77			
18	24	84	50	24	31	130	81			
18	60	96	5.	24	60	160	91			
18	66	102	60	24	66	175	104			
19	74	116	0.5	0.4	60	190	117			

COPPER BACK BOILERS.













Prices quoted upon application, giving particulars.

SIZES AND AVERAGE WEIGHT OF COPPER BOILERS AS Fig. A.

Frontage										
Average Weight										
Contents	***	 14	2	21	8	81	4	41	5	6 galls.

WROUGHT WELDED BATH BOILERS.





No. 2A, with Arch Flue.





No. 2B, with 5-in. Flue. No. 2D, with Arch Flue.

PRICES.

No. 2. Plain Bath Boiler. High Bot. Top 10 13 | 14 16 | 18 | 20 in. wide 12×11× 7 29/- 180/- 31/- 132/- 34/- 36/ each 10×10× 7 28 - 29 - 30/- 31 - 33 35 - ... 9×8×6 26 - 27 28 - 20 5, - 33 ...

No. 2A, with Arch Flue.

High Bot. Top		12	1.1	16	.18	20 in	. wid
12×12× 9	85 -	37			48/-		
11 × 11 × 7	33 -	30 -	57	39 -			22
10 × 10 × 7	81	33 -	35 -		33	41 -	
8×10× 5	810	31.0	33 (

No. 2B, with 5 in. Flue.

High Bot Top 10 12 .4 16 14 :20 in. wide 12 x 12 x 9 40/- 42 44 46 48 - | 50/- each

No. 2D, Arched Leamington Boiler,

High Bot. Top 10 12 14 16 18 20 in. wide 7×11×12 83/- 35'- 37'- 39 - 41/- 43 - each 6 x 12 x 10 | 29/6 | 31,1 | 33/6 | 35/6 | 37/6 | 39/- ...

These Boilers are sent without Manholes unless specially ordered, and when ordered are charged extra.





No. 3E.





WROUGHT WELDED BOOT BOILERS.







No. 3 & 3E

Bo ers 18 m 1'gh 21	56 - 61 6 67 - 79 6	Boilers 15 in nigh 21 ,, 24	.0 12 11 16 in. wide 62 0 68/- 73 6 79/- each 66/- 72/6 78/ 84/- 1 69/6 76/- 82/6 89 - 1
No. 3A.	5 16 Plates.	No. 3A.	3/8 Plates.
Bo.lers 18 in. high 21 24	71,- , 70,6 , 82 - 8,6 ,,	., 21 ,, 1	10 12 14 15 m wide 80;- 86 - 92'- 98;- each 88;6 90;- 96;6 103; 87;- 94;- (101;- 108;
No. 3D.	5 16 Plates.	No. 3D.	3 8 Plates.

No. 3D.	8	16 Plates.	No. 3D.	3 8	Plates.
	10 1	T 14 . 16 i	n, wide	10 1	2 14 16 m. wide
Boders 18 in high	92,6, 99	/- 106/ 113	6 each Boilers 18 in	high 109,6 11	7 6 125 6 134 each
. 21 .	99/- 106	/- 113/6 121	6 21	. 117/6 12	5 6 184 - 143
9.1	106/- 111	UE 191 C 120	0.1	105 6 10	4 142 150.0

No. 4, ELL Boiler, 6id, per Ib.

5 16 Plates

BOILERS.

Wrought-Welded "Royal" Independent

Dome Top Boiler.

For Low Pressure Hot Water Heating.

PRICE LIST, including one 2-in. Flow [and one 2-in. Return Scokets, and two Mudholes as shown. Wrought screwed flanges can be fixed when required.



This pattern is similar to our "Popolar," but the space between the Fire Doer and Federt is made of saids itom, instead of the usual Waterway, as is some cases where the water deposits hard solimentery npidly, it is liable to collect at the point just above the Fire Doer, and if not immediately asmoved may permanently injust the Boller. In places where the water is very hard this pattern may probably be an advantage.

No,	Outcode Sozon. High. Diam.	Heat ng Power in 4-in. Pipe.	912° F. ser hour.	190° F. per hour.	Outside d.ameter of Smoke Figs.	PRICE OF	BOILER.	Price, extra with Top boiled on.
1 9	80 × 18 83 × 19	fest. 110 130	gallons. 22 96	gallons. 44 52	in. 5	8 0 0 8 10 0	£ s. d. 9 5 0 9 17 6	1 7 6 1 7 6
8 4 5	32 × 15 40 × 15 45 × 15	160 195 930	31 39 46	61 78 92	6 6	10 0 0 11 5 0 12 10 0	11 12 6 13 2 6 14 10 0	1 12 6 1 12 8 1 19 6
8 7	40 × 18 45 × 18 59 × 18	975 320 365	55 64 73	110 198 146	7 7	15 10 0 16 0 0 17 12 6	18 0 0 18 12 6 20 10 0	1 17 6
9 10 11	46 × 21 52 × 21 58 × 21	420 475 525	84 95 105	168 190 910	7	19 13 6 21 0 0 23 10 0	25 0 0 24 10 0 27 5 0	2 7 6 2 7 6
12	56 × 31 54 × 26	565	117	284	7	25 15 0 27 7 6	99 T 6	2 7 6 8 0 ō
14 15 18	60 × 24 66 × 24 72 × 24	619 665 790	192 183 144	244 268 288	7 7	30 15 0 33 10 0 34 0 0	85 10 0 87 15 0 89 10 0	2 0 0
17 18 19	50 × 50 72 × 80 50 × 36	940 1010	162 188 909	924 875 404	8 9	97 10 0 45 0 0 48 0 0	41 10 0 52 0 0 54 0 0	4 5 0 4 5 0
20 rubber Ring	72 × 38 s for making joints fo	1160 or Mudhole Cov	282	464	at 6d. rac	67 0 0	64 0 0	5 10 0 unless specially ords

Wrought-Welded "Popular"

Independent

Dome Top Boiler.

For Low Pressure Hot Water Heating



With Waterway Bottom.

Smoke Flue fitted with Slide Damper.

PRICE LIST, including two 2-in. Sockets, and three Manholes and Covers as shown.

We aght screwed flanges can be fitted ut an required

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						- AN V	Ontaide			
The color of the			Outside				diameter.	PRICE OF BOILER.		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		No.	Bloom	Power in	212° F.	180° F.	Smoke		e to Western	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				4 in, Pipes.	ber pons.	per bour.	Fluo.	Them. Plates	g-m, Pintes.	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				feet.	gallons.		in.		6 2 4	
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Cross Tubes can be welded into Fire box to increase Hesting Power.

Ind a-rubber Rings for making joints for Midhale Covers can be supposed at 84 men not, extra, but will not be supplied unless specially ordered

No. I Pattern, "Solar" Cast-Iron Sectional Boiler.

For Low Pressure Hot Water Heating



Largest Fuel capacity of any Cast Sectional Boiler on the Market. 12 hours with one charge of Fuel.

Large percentage of Direct Fire Surface, Rapid Heat Transmission.

Highest Fuel Efficiency. Greatest possible Economy. Least Attention.

Each Boiler is fitted with Socketed Smoke Pipe with Soot Door and Air Register. Damper operated from front of Boiler. Elbow Smoke Flues can be fitted if desired.

We recommend every Boiler to be covered with Non-conducting Asbestos

This is our smallest size of Cast-Iron Sectional Soliars. We have a very large number in use and they It is an exceedingly cheep and economical Beller. Each Section is connected by Slip Nipples.

Will burn for 12 Hours without attention.

Wadth neross body 17 inches. Height from Floor 40 norbes.

PRI	CE LI	IST, incli	ading '	Two Flow	and Tw	o Return	conne	ctions	
ča.	No. of Security	Length exclusive of Secolar Phys.	Foel especity.	Price of Non- conductory Comess for	Heating Power 4 in. Pipes	Heating Power in an Redistrict	Heating Power in B.T.U. per haur	PRICE.	
4 5 8	4 5 6 7 8	18 221 281 302 35	cubin ft. 8:25 3:40 4:06 4:93 5:60	0 10 0 0 12 0 0 14 0 0 15 0	ft, 275 383 410 475 549	\$30 410 490 570 650	47520 59040 70560 82080	2 . Z 8 8 0 9 15 0 11 5 0 13 0 0	

Back Section can be supplied with 14 in. flow off the back. 2 in. hole on top of First Section

Ex.rs Middle Sections with N piles and Extension Pieces for Boses £1 16s, 0d, each.

Flow and Rattern Sockets can be fitted on every Section, but two Cast Sockets can only be put on

No. 2 Pattern, "Solar" Cast-Iron Sectional Boiler.

For Low Pressure Hot Water Heating.

We recommend this Riper with every confidence, as there are many points of advantage peculiar to this Bower which are not obtained in a m lar Boders. If other makers,

Width across body, 24 Inches.

Height from floor, 48 inches.



Rech Boiler has two blank places in back for counceting copper coll in fire-box for separate hot water domestic supply. Sicking Tools extrs. 1840 per set.

2-hole on top of Frons Section for safety valve. The Back Section
can be provided with a 2-in. horizontal flow off the back.

Boilers are supplied with 2, 3, or 4-in. Caulking Sockets, or Screwed

Additional Straight Sockets 5/0 each nots, Elbows 7/0 each nets.

Flow and Return Sockets can be just on any Section except Back and Front.

Sockets can only be placed on alternative Sections, but tapped holes
can be put on consecutive Sections.

Extra Middle Sections, with Nipples and Extension Pieces for Base, 24 each.

We guarantee our Boilers will do the work specified, but it is advisable,
and more economical, to have a suss larger than actually nacessary.

PRICE LIST. Including two Flow and two Beturn Sockets.

			PRICE	LIST. In	neluding	two F	low i	and two l	Return S	ookets.	
No	No of Sec. U.D.	Length exclusive of Regoke ± loc	Find Capacity,	Grate Area	Diam, of Smoke Fire	Price of conduct Cezzeni noveri Baile	for	Heating Power 4-in, Pips.	Heating Power in eq. ft. radiation	Heating Fower in B.T.U. per hour.	PRICE
24 25 26 27 28 29 210 211 2.3	4 5 6 7 8 9 10 11	105 22 27 33 37 42 47 52 57 68	embie ft. 3 50 4 75 6 00 7 25 8 50 9 75 11 00 12 25 13 50	eq f4 1 53 1 84 2 33 2 75 3 25 3 75 4 25 4 75 5 00	38 8 8 9 9 9 10	1 0 1 8 1 9 1 13 1 17 2 1 2 9 2 13	d. 0 6 0 0 0 0 0 0 0	11. 825 750 875 1000 1200 1400 1600 1800 2900	750 900 1050 1200 1440 1690 1939 2160 2400	108,000 129,600 151,500 172,800 807,280 341,920 378,480 311,040 345,600	£ s d, 17 10 0 20 0 0 22 10 0 25 0 0 29 0 0 33 15 0 37 0 0 40 0 0 44 0 0



"SIMPLICE" GEYSER.

(Patent.) (DIRECT HEATING.)

A really satisfactory Geyser at a low price, suitable for Bath or similar purposes only, where Hot Water is required at a temperature not exceeding 80° above cold water (120°-150°)

SPECIAL ADVANTAGES.

No small holes, tubes or chambers.

Cannot be affected by hard water.

Explosion or Bursting quite impossible.

Practically no internal parts, the water forming its own heating surface.

Nothing to get out of order or wear.

DOES NOT DEPEND UPON SOLDERED JOINTS.

Does not require water pressure.

Equal or superior to many expensive patterns in appearance, durability and efficiency.

Great economy of gas; cost for bath two-thirds of a penny.

Interlocking gas and water taps prevent burning by careless use.

NOTE—The low price of the "Simplice" Geyser is possible owing to the simple construction and large sale; in efficiency, quality of material, workmanship and finish, it is equal to the most expensive types.

Hand can be changed by screwing bend into not on opposite side.

TOP INLET.

The "Simplice" Geyser can be fitted with "Top Inlet" either with or without interlocking Taps at same prices. PRICES: Made in STRONG COPPER throughout (Cast-Iron Burner), interior tinned. exterior polished and lacquered.

	Heate pur minute (40 degrees) * Het Bath	Height. Diameter.	Gas Supply PI (inside) In	RICE, with interlock- og Gas & Water Taps.	PRICE, a pattern, with Union for oild water only.
No S, with inter- looking tage	2 gall _{6.} 15 mms.	2 ft. 6in. 9 in.	å m.	£3 12 6	£3 2 6
No. 7, with inter- looking tape, as shown		2ft, 9in. 10 ,.	į in.	4 0 0	3 10 0
No. 8, with inter- looking taps	4 , 8 , .	8R. 4in. 184 ,,	1 ,	6 6 0	5 14 0

On Cast-Iven Wall Bracket instead of feet at same prices.

*Flowing at these rates the temperature is raised 40°-e.g., from 60° to 100° Bigher temperatures (up to 85° above cold water) are obtained by reducing the flow.

"LIGHTNING" GEYSER.

With Patent Automatic Valve.

"SEALED" SYSTEM



The inside chambers and water-ways are carefully coated with pure tin, the outside is highly polished and lacquered, presenting a very handsome appearance.

The water in heating is entirely sealed from contact with the gas fumes. An improved swing out burner is fitted for safety in lighting, and the Patent Automatic Controlling Valve prevents the gas being fully alight unless the water is running through the Gever.

If the water fails or is turned off, the Automatic Valve closes instantly, and turns the gas down to a pilot light.

The "Lightning" Geyser is complete with gas and water taps and unions ready for fixing.

The brass work is of the best quality, London made. Only the best materials and workmanship are used in the

The "Lightning" Geyser will produce boiling water as well as hot water, which may be used for drinking or cooking

Recent exclusive improvements and patents have produced in the "Lightning" Geyser a most perfect water heater, having many advantages and giving a convenience and safety in use which is not to be found in a Geyser of any other

Sizes and Prices with Patent Automatic "Dual" Valve.

	in.		,	Eoats		Boile		Disconter.	Height.	Gas supply. Inside disco.		Water Supply.			Prices	
	Nov		per	mizute.		per mioute.		inches.	sector.	sadans.		inches.		£	8.	a.
- 4	D	***	11	galls.		3 pints.		81	26	 1 2	***	1		5	5	0
8	D	***	2	19		2 quarts.	***	10	27	ě		£		7	7	0
2	D	***	8	**		8 ,,		12	 80	 2		ž		9	9	0
1	D		4	**		1 gall.	***	13	35	1		1		11	11	0
0	D	***	8	27	***	2 ,,		17	39	 11		11	***	20	10	0
10	D		16	11		4		26	 60	15		2		52	10	0

The above prices include taps and unions.

NOTE.-The "Lightning" Geyser is so arranged that it will also supply hot water to lavatory basin.

Where a direct convection for the cold water supply a taken from the many, we have aster level as edupation of be "Data! Value, which has been temped to meet the Wart/Co.s.

"Reserv" Where the disject is to be taked in too share or defending please state with
"Reserv" Value.

The temperature of the water flowing at the above rates per minute is mised 40 degrees Fahrenheit above that of the cold supply,

The temperature may be increased or diminished according to the size of the stream.

"Cottage" Bath.



A well-made Sheet Metal Bath, fitted with brass plog, union and overflow, 18 in. deep inside, on ornamental feet. Enamelled white or white marble maide, and dark green or oak outside.

PRICES

	Terr			ran.co				
			122			nt 2		Copper.
		.0	5.	a.	8	4.	G.	6 6 6
5 ft., or 5 ft. 3 in. long inside		3			3	15	0	10 0 0
5 ft. 6 ins. long inside	***		15		3			10 10 0
If fitted with ? in, hot and cold								
Can be supplied dimensions modifie	d and	1spe	LD.D.e	d to a	ay col	lout	at	a small extra cost.

Taper sides, flat bottom, single outside rounded head without exposed edges. Waste Cook, § inch at head. Handle at each end. Mounted on three whoels with solid upfin-rubbles tyres. From wheel awwelled

DIMENSIONS. Length Length Width Width Total Depth

DAMES BOTH	HEAPES.	at bend.	HILLOW.	ONDIF	X34400.	rettler.	Galvan.
Inches.	Inches:	Inches.	Inches.	Inches.	Inches		Galter i
69	66	25	18	27	20	£12 10 0	836
6.9	60	941	18	26	20	£11 10 0	.07

If made with parallel instead of taper sides, Copper, Zinc or Iron, extra £1 10 0

The shape of the roll may be altered to suit special requirements at slightly This Bath is also made with four wheels and drag handle or to any shape or finish. prices quoted on receips of details.

"Independent" Bath.



Full size, 5 ft, 6 in, long, 21 inches deep inside, with rolled top, on ornamental Cast feet, with plug and bent union for waste, and overflow pipe at

5 7 6

PRICES

5 15 0



EQUAL-ENDED LONG BATHS (Beaded).



Inches,	Strong T nned Iron	Copper.
26	17 -	52/-
. 32	21	68
84	25 -	72
88	28 6	80/-
11	32 -	90 -
18	43 -	110 -
0.1	50 -	127 6
59	55	140 -

Stout	Z nc,	Cheaper	Quality, with red Edge.
Inches.		Inches	Strong T.nned Iron
36 42 48	27 6 30 - 40 -	26	14 6
54 60 66	44 - 48 6 52 6	80 86 39	18 - 22 - 26/-

Wire	rd Edge,
Inches	Strong Tanned Iron
26 30 36 39	14 6 18 - 22 - 26/-

OXFORD HIP BATH.



THE	POPULAR	SPONGE	BATH
THE	POPULAR	SPUNUE	DATH



	SITZ BATH.
	With Flat Bottom, No Arm Resis
	Enamelled White inside and oak outside.
-	

					1	- AND THE REAL PROPERTY.	
ches.	Strong Tinned Iron.	Stout Zine.	Copper.	Inches	Strong Taned Iron.	Stout Zine.	Copper.
88	30/-	32 -	78/6	82	27 6	27 6	63 -
40	35 -	85 -	85	84	30 -	30 -	73 -
44	42/6	37 6	97 6	40	34/-	34 -	85 -



Inches	Tinaed Iroa.	Соррет.	/.	inc
38	24 6	58 6	Inches 29	26/6
37	28 -	68 6	32	29 6
40	33	78 6	85	32/-

Cheaper Make, with wired Top, 36" Tinned Iron, 22 6



No. 499 .- Folding Chair, Iron back splines, wooden seat, oak painted. Price 43



No. 426 .- Folding Chair, splines. pitch pine, varnished: ironwork painted, varnished and bronzed. Price 5 -



No. 427,-The Park Chair, as supplied to the London Parks; painted green. This is an excepback spline and from spline of seat are of beech. Price 7 -



No. 417.- Folding Chair, iron back sphnes, wooden seat, oak painted. Very light, strong and compact. Price 4.6



No. 430 .- Folding Chair with Swing Balance Seat. The Seats are made to ing them dry and clean. Woodwork green Price 12 -

No. 197. - French

Spring Chair, straight back Price 44 .



No. 152,-French Spring Arm Chair. Price 26:-



No. 401 .- Lawn Chair, iron painted. varnished and bronzed. Wood pitchpine, varnished.

Price 8/v

ADMIRALTY SEAT,



This seat is made very strong with extra Strong Wrought Iron
Ends, and has been selected and supplied by us to the Admirally as
the most suitable for hard wear. It is made of the very best woodwork.

Japanned three coats. Grained Oak. All Bolts Galvanized.

Size 5 feet ... (2 legs) ... Price £1 4 0 ... 6 (2 ,) ... , 1 7 0

. 7 (8 ..) 119 0



No. 198. TABLE, With pitch-pine top, varn shed, iron painted, varnished, and bronzed. Very strong and durable,

Size 86 in. × 24 in. Price 28/-



No. 136. FOLDING TABLE Diam. 22 24 ins.

Prices



No 7



A Good Serviceable Seat, suitable for Public Place or Beaution Ground, is made with Strong Wrought Iron Spring Ends and Laths of best Quality. Japanned three coats, Grained Oak. All Bolts Galvanized.

S	izo	5	feet		Price	£O	19	0
		0				- 4	- 0	0



No. 4.

This Lounge Seat has Strong Wrought Iron Ends, best quality, Japanned three coats, Grained Oak. These are specially prepared to withstand the heat of the sun, being passed through heated stoves in the course of manufacture.

.. £1 10 0



The Best and most comfortable in the Market. Its special feature being the construction of the ends, which are double, thus giving an easy and pleasant spring to the back; made of best quality, Japanned three coats. Grained Oak. All Bolts Galvanized.

Size	5	feet	Price	131	11	0	
	13			21	16	0	



A most comfortable Seat, suitable for Park or Tennis Ground, well made and Japanned,

Size	ň	feet	Price	6 03	17	6
	c			00	40	

DOUBLE CYLINDER GARDEN ROLLER.

No. 211.

This is an entirely new model. The Barrels have a full rolling width to size listed on the flat, long turned bearings, round edges, solid ends, and planed

Carriage Paid to any Goods Station

THE NEW PATENT WATER BALLAST GARDEN ROLLERS.



An ordinary 24 inch Roller weighs 34 cwt. The Newl Patent, when loaded, weighs 7 cwt. The latter is, therefore, not only more effective, but in reality cheaper than other kinds, and the advantage of having in one roller either a heavy or light implement.

Diame	nter	and	*Weig	ht. en	under.	Wele	bt F	ali.			PRI			
W	dibi				.5.7.	11.000			15004	tio Cyli	oder.	Done	le Cși	nfee
	shos.		Curts.	qra.	1ba.	Owte.	gra.		£	8.	ä.	6	8.	đ
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	×	21	8	2	0	5	1.	0	- 4	15	6	- 5	8	6
224	×	551	4	()	-0	6	1	-0	- 5	8	6	6	4	6
21	×	24	. 4	2	-0	7	0	0	6	0	0	7	0	0
27	×	27	6	8	0	10	0	0	8	18	6	10	4	0
	×	30	53	()	11	1.4	0	0	12	2	6	14	0	0
	Ŷ	36	16	2	0	25	0	0	19	15	ō	22	6	3

*The weights given are for the standard pattern Rollers with single cylinders,

The double cylinder rollers are heavier when empty, but hold less water.

14×14 ins. 16×16 ins 18×18 ins. 20×20 ins. 22×22 ins. 24×25 ins. Cut. Qrs. Lbs. 1 8 6 9 1 0 9 3 7 3 1 7 4 0 31 42 6 55/-

Fitted with Patent Scraper-4,6 exten on sizes to 18 in.; \$1- extra on sizes to 20 in, and over

THE GENUINE PHILADELPHIA LAWN MOWED

"The KNIGHT."

6 Blade Wiper,



Unequalled for General Use.

The "Knight" Mower with its many points of excellence in construction, is the result of the longest experience in the manufacture of Side Wheel Mowers, and we guarantee perfection in every detail.

All Genuine Philadelphia Mowers are constructed without a rod running through centre of wiper, thus allowing larger casehardened bearings to the Wearing surface of the Wiper Axle, and so ensuring greater durability.

Some unscrupulous Makers having appropriated this Special Design of our Wiper, makes it necessary for the Trade to insist upon having the Genuine "Philadelphia," with the name "Philadelphia Lawn Mower Co," cast in the Wheel.

Width of Cut	12 in.	14 in.	16 in.	18 in.
Price ,,	£2 15 0	£3 3 0	£3 10 0	£4 0 0
Grass Boxes	7/6	8/6	96	12/-

THE GENUINE PHILADELPHIA LAWN MOWER.

"The WILLIAM."

5 Blade Wiper.



For Ladies and Amateurs.

This Mower has long and large bearings which reduces friction to a minimum. It runs exceedingly easy and is well adapted for use by Ladies and Amateurs. Being sold at a medium price it commands a very extensive sale wherever introduced.

The bottom knives of all Genuine Philadelphias are made of the best tempered Crucible Steel, which makes them practically selfsharpening when properly adjusted

The Wearing Parts for all our Mowers are interchangeable, and a full stock is kept at our London Warehouses, where repairs are also undertaken

Width of Cut		12 in.	14 in.	16 in.
Price Grass Boxes	£176	£1 12 0	£1 16 0	£2 0 0

THE "MAYFLOWER" LAWN MOWER.



Specification :-

Five blade; 9-m. strong half open driving wheels; extra large cylinders; blades and under-knife made of best Sheffield steel, oil tempered; a djustable half-kov benings on cylinder shaft; stout connecting rod; extra stout role shaft on side plate; close cutting; extra easy running, simple construction; perfect adjustment; maplewood handle and roller; each machine in separate

packing case -packed in wood wool-steel hooped

Width of Cut	8 in.	10 in	12 in.	14 in.
Price	£1 0 0	£1 0 0	£1 1 0	£1 2 0
Grass Boxes	4/6	5.	5 6	6 -

THE PATENT "EXCELSIOR" LAWN MOWER.



This favourite Machine has valuable improvements. It cuts the grass perfectly, whether wet or dry, long or short; it makes "no ribs," and does not into the beautifully amouth surface or the lawes.

Unrivalled for clos ness of cut and great ease of working.

		1.1	ILLO.						
thine		5 0	1 14	in.	Machine		Æ5		
11.		5 0					6	2	6
	4 2	2 6	1.5					0	0
20 in. Mach	ine .				£7	10 0)		
oxes8 in. a	nd 10 is	n., 6	-; 12	in.,	14 in.,	and 16	in., 7	6,	
	20 in. Mach	20 in. Machine	3 5 0 4 2 6 20 in. Machine oxes8 in. and 10 in., 5	20 in. Machine	20 in. Machine	20 in. Machine	8 5 0 1		

THE PATENT "NEW MODEL" LAWN MOWER. Chief Advantages.

Good quality of work,
Lightness of draft.
Simplicity of construction.





Variety of work.

Will cut verges and borders.

Will cut banks and slopes

Will cut high grass.

						ices,					
15	in.	Machine	 £1	5	0	1 14	in.	Machine	 £3	15	0
8		- 19	1	15	0	16			 4	5	0
10		22	2	15	0	1 18	.,,			15	
12	11	11	3	5	0	21			 5	5	0
			Col	lecti	inor.	Rove	o E	vtra			

For 6 m., 8 in., and 10 in., 5'-; For 12 in., 14 in., and 16 in., 7 6. For 18 in. and 20 m., 10,-



The following are some of the mechanical advantages combined in these Lawn Mowers.

- They are driven by a specially made patent forged steel chain perfectly silent in action, and presenting a very large wearing surface. Unlike other Lawn Mower Chains, this one has no pins, and therefore stretches less in work.
- The knives are made with bevelled edges, and are set at a sharp angle of cut, thereby reducing the friction and lightening the draught.
- The machines commence cutting the instant they are started, owing to their being fitted with a triple-action ratchet in each roller.

				Price	S.				
8	inches	wide can be	worked by a				£2	12	6
10	- 11		10	strong	; lad		3	13	6
12	*9			man			4	14	6
14	**						5	15	6
16	17						6	16	6
18	11				and a boy		7	16	6
21	11	***			ten		9	9	0
27		41	**	donke	y or small	pony	11	0	0
					WITHOUTH VS				

The improved lever side delivery apparatus can be attached to the 24 inch, 27 inch, and 80 inch Machines for 30 - extra.

pony

The prices of the 24 inch, 27 inch, and 30 inch Machines, include whippletines and drawbar for donkey or pony power, they can be added to the 21 inch Machine for 10-c extra Single-Handed Lawn Mower.

OPERN'S "SHENS MESSOD" LAWN MOWED

m o									
		inches	Price		15	0	Can b	e worked	by a Lady.
13	ь	11			10	0	- 11	12	
	10		-1		10	0	20	- 11	Youth
11	111			4	10	0			
Sec.	-11			5	10	0	- 11		Man.
44	16			6	10	0			
**	18			7	10	0			Man and Boy
14	-20			8	0	0			11
,	22			8	10	0			.,
	24			a	0	ō			

The handles of these Lawn Mowers can be raised or lowered at pleasure, to

Drawing Rope and Handle supplied with all Hand Machines from 16 inch size and upwards. Price for Rope and Handle for smaller sizes, 1 6 extra

If desired, the Machines can have provision made for working them either with or without the front rollers, and also for having a loose cylinder cover fitted on, which would permit the grass to be delivered behind the Machine when it is wanted to work without the grass how

The Machines are sent out on small open Platforms, for which no charge is made.

Packing Cases are, however, supplied to order at the following low rates, v.z.: for the 8, 8, and 10 inch Machine, 3s.; 12 and 14 inch, 4s.; 16 mch, 5s; 1s. and 20 inch, 6s.; 22 and 24 inch, 7s.

Buyers are recommended to purchase the cases in which to put the Machines away when not in use, to prevent them from getting damaged; if returned, two-thirds will be allowed.

Packing Cases for Export are charged a little extra, as they are made very trong

Carriage Paul to the principal Railway Stations in the United Kingdom.

17 17 0



This BICYCLE HOUSE

rs made of Wood Framing and Corrugated Iron Top, Match Board

Sides, Ends and Door, and 1 inch Flooring.

Size 6 ft. 0 in. × 3 ft. 9 in. × 4 ft. 6 in. to eaves.

Size 6 ft, 2 in, × 3 ft, 2 in × 4 ft, 6 in, to caves

Price £4 15 0 each



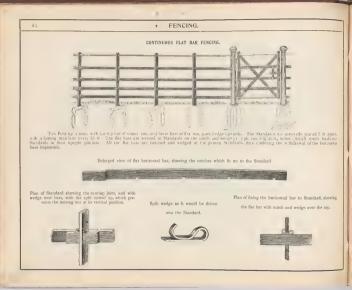
This will be found the most perfect apparatus for Watering Lawns. The Head revolves automatically, throwing a shower of water like light rain over a space of 90 to 30 feet according to pressure. It can be used as a fountain by changing the Ball on the top. Absolutely the best arrangement for keeping lawns green during dry weather.

Price, with 4 arms 20 6 Price, with 8 arms 24 6 WROUGHT IRON
BUILDERS' LADDERS.

Light and Strong.

Black.

Proc.



CONTINUOUS FLAT BAR FENCING

									Specifica	tions and	Prices.									
Pences suitable for	1	Setimat	æ.	B.b	ight ove und	Depth under Ground.,	8700	ance rt of lards.	Size of Intermodiate Standards.	Size of Joining Standards, placed 15 ft.	No. of Hers	Size of Top Bar.	Size of Lower Bars.	Prices yez		Additional Fist Lower Bar.	Top	yard. with Sq Bar in d Rous	istead	
Sheep and	{	No 10		ft. 3	n G	inches.	ft. 3	m	nch 1, 4 }	nch Lyx 3	à	Round.	Flat.	à	0	per yd. 4½d.	in.	square	e 1 <u>1</u> d.	
Light Cattle	6	11		8	6	13	3	0	18 × 7	$1\frac{1}{2} \times *$	3	ŧ .,	$1 \times_+$.	3	6	4 <u>1</u> d	1 -		1, d.	
		12I.		3	9	14	.;	-0	15× %	13×15	5	1	1×}	3	9	≠ <u>†</u> tì.			2½d.	
General Purposes	1	12		3	J	14	3	- 0	-1	$1_4 \times g$	5	1	1×4	4	0	Light		**	250.	
	1	18		4	0	14	3	-	$I_1\times \{1\}$	$1_4^n \times q$	1	2.0	1870	3	11	150	- 7	11	2 <u>1</u> d.	
Heavy	5	11		4	0	1.4	2"	- 1	13×8	13 < 1	6	1	1 × 1 ·	4	6	1 f.d.	37		2 <u>1</u> d.	
Stock.	3	1.5		4	41	1.5	3	0	$1\tfrac{L}{2} \leq \tfrac{3}{5}$	13	G	3 H	1 × 1 ,.	4	8	123	- 1		2 <u>4</u> d	

Prices INCLUDE One Coat Black Varnish before teaving Works, with Wedges and Rivets Complete,

If coated with Boiled Lineard Oil, or one coat Red Oxide Paint, instead of Varnish, price right per yard extra.

Cast Iron Terminal Pillars, with set fixing bases, up to 3 ft. 9 in high, price 15 9 each; up to 4 ft. high, price 16 6 each; up to 4 ft. 9 in. high, price 18 each extra.

View showing Standard and Prongs before rivetted together.

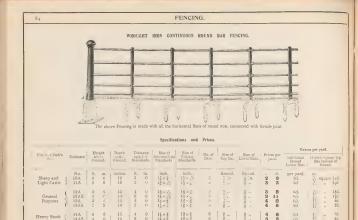


The usual welded pronged feet of Fencing Standards are very apt to break off at the ground line, but the rivetted pronged Standards, as shown on annexed drawings, altogether prevent this possibility.

Another advantage is that at the ground line, where corrosion is most likely to take place, there are *three* thicknesses of iron, thereby considerably strengthening the Standard and greatly increasing the durability of the Fencing.

View showing the Prongs rivetted to Standard.

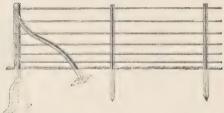




Prices INCLUDE One Coat Black Varnish before leaving Works, with Wedges and Rivets Complete, and are for quantities of not less

If coated with Boiled Linseed Oil, or one coat Red Oxide Paint instead of Varnish, price 13d, per yard extra.

GALVANIZED STRAINED WIRE FENCING.



Specifications and Prices.

Extracts, No. 49W—3 ft. 6 in high above ground, with 5 Lines Galvanized 7-ply Strand Wire, top No. 1 G, 1 lower No. 6 G. Standards 1½×½, on, placed 9 ft. apart, with double promped feet. Price 3,- per yard.

Extract No. 540W. 1 ft. 9 in, figh above given, only with 6 Lines Galvanized 7-ply Strand Wire, top No. 4 G, 3, ower No. 6 G. Standard 14 < ½, 5, 6.

placed 3 ft. apart, with double pronged feet. Price 1, 2 per yard

ESIGNALE NO 51W 3 ft. 4 in high above ground, with 6 Lines Galvanized 7-ph Strand Wire, top No. 4 G, 5 lower No. 6 G. Standards, Garder

Iron, placed 9 ft. apart, with Cast-Iron Earth Plates. Price 1/3 per yard.

ESTIMATE No. 52W - 1 ft. high above ground, with 7 Lines Galvanized 7-ply Strand Wire, two top No. 4 G., 5 ower No. 6 G. Standards, Guder

Iron, placed 9 ft. apart, with Cast-fron Barth Plates. Price 1/8 per yard.

Extination No. 30W. 1 ft. night above ground, with 7 Lines Galvanized 7-ph Strand Wies, two top No. 4 G. 5 lower No. 6 G. Standards of T Iron.

placed 3 ft. spart, with Cast-Iron Earth Plates. Price 1/71 per yard.

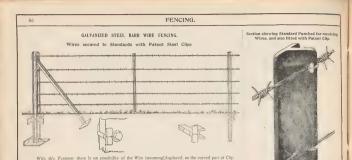
ENIMATE No. 31W (STRONG) 4 ft. high above ground, with 7 Lines Galvan, and 7-pit, Strand Wire, top No. 2 G, 3 lower No. 4 G, and 3 bottom No. 6 G. Standards of H. Iron, blaced 9 ft, apart, with Cast-Iron Earth Plates. Price 1/9 per vard.

No. 6 G. Standards of H Iron, placed 9 ft, apart, with Cast-Iron Earth Plates. Price 1/9 per yard.

Estimate No. 55 W, Extra Sirons, —4 ft. 3 in above ground, with 7 Lines Galvanized 7-ply Strand Wire, two top No. 2 G, 3 lower No. 4 G. Standards of H Iron, placed 9 ft, parts, with Cast-Iron Earth Plates. Price 24.— per vard.

S.de Stays, with Plate Base for Curves, and for strengthening Fence, 1/101 each extra.

Above Prices INCLUDE fromwork Black Varnished and necessary Wedges complete, and are for quantities of not less than 100 yards.



Specifications and Prices.

No. 2016.—271. 6 in. high above ground, with 1 Lines Galvanized 1-point Steel Barb Wits. Standards of T Iron, 14 × 19 × 14 in., placed 12 ft. apart, and 18 in. below ground, with Droppers between, and with Winding Pillar a. d Stay every 100 yards and Clps complete. Price 1 4 per yard

No. 24...-5 ft ...h. high above ground, with 3 Lines Galvanized 4 point Steel Barb wire Standards 18 m, belon gro.ind. Droppers, Ac., as above Price 16 per yard.

No. 24...-1 ki, high above ground, with 0 Lines (talvanized 4-point Steel Barb Wire Standards 18 in, belon gro.ind). Droppers Ac., as above

2-34. * It. for a too's ground, with 0 Lines Galvanized 4-point Steel Barb Wire. Standards 18 in. neos ground. Droppers &c., as above Price 17 per yard.

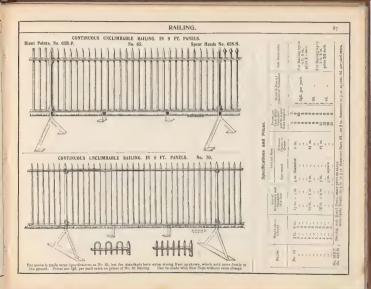
No. 38s.—4 ft. 6 in. high above ground, with 0 Lines Galvanized 4 point Steel Barb Wire. Standards 21 in. below ground. Droppers, &c., as above. Price 19 per yard.

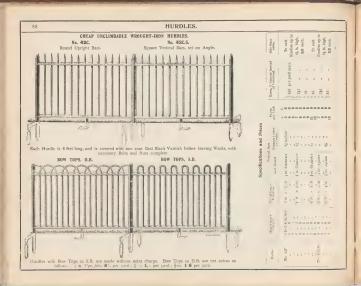
The above Fences can have Standards placed 9 ft. apart, and without Droppers, at same price.

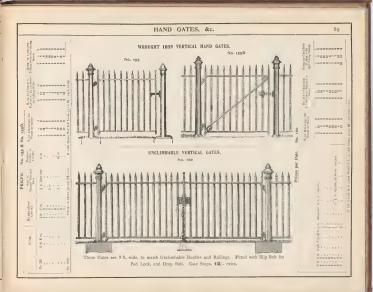
prevents it being drawn out; and when both sides are turned up, after the Wire is fixed, as shown on

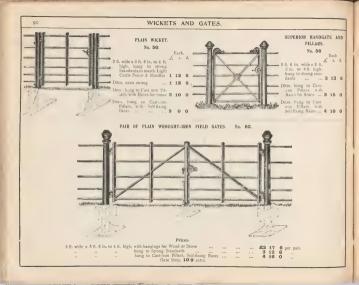
If Standards 12 ft. apart made 6 in longer in ground, and without Droppers, price 1d. per yard less.

The above prices are for quantities of not less than 100 yards

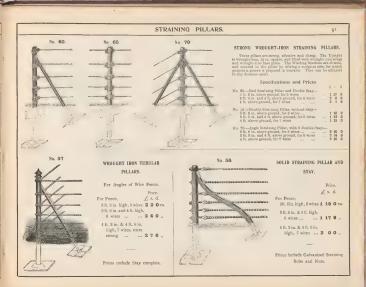


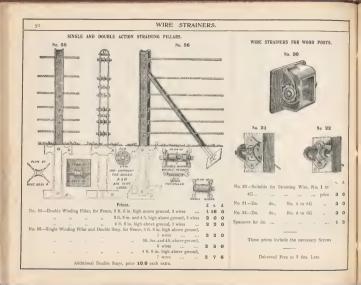


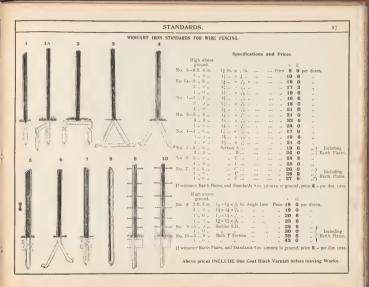


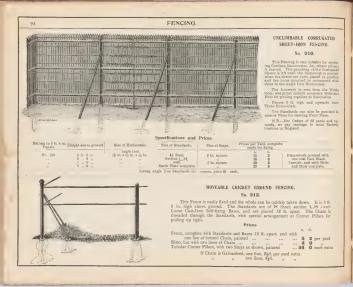


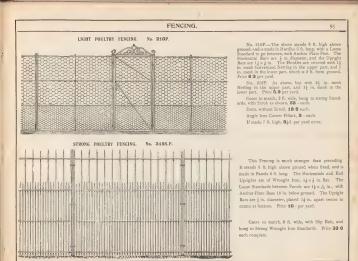
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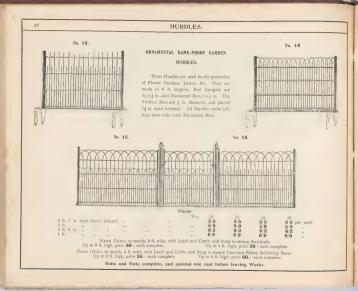


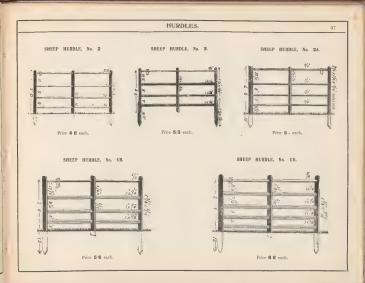




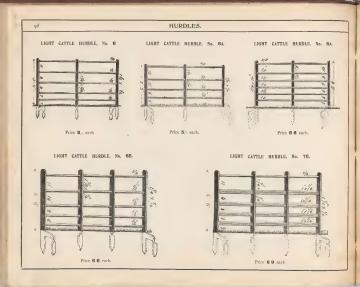


Prices INCLUDE one coat Paint before leaving Works and Bolts and Nuts complete.

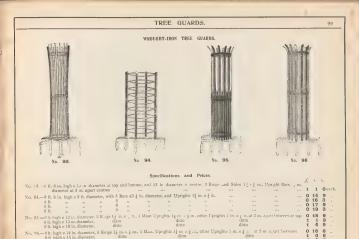




From the collections of Sydney Living Museums / Historic Houses Trust of NSW



From the collections of Sydney Living Museums / Historic Houses Trust of NSW



Prices INCLUDE one coat paint, with Nuts and Bolts complete,

Special Quotations will be given for large quantities.

28

Supplied in Rolls of 25 yards each,

5 feet

FENCING WIDE &c. REST BRIGHT WIRE, per bundle of 112 lbs. Number 0 to 8 ... 9 ... 10 ... 11 ... 12 ... 18 ... 14 ... 15 ... 16 ... 17 ... 18 ... 12 ... 21 ... 21 ... 21 ... 22 ... 16 ... 16 6... 17 ... 18 6 ... 19 6 ... 20 6 ... 21 6 ... 22 6 ... 23 6 ... 24 6 ... 26 ... 28 29 31 ... 34 BEST GALVANIZED WIRE, per bundle of 112 lbs. Number 0 to 8 ... 9 ... 10 ... 11 ... 12 ... 18 ... 14 ... 15 ... 167 ... 18 ... 19 ... 20 ... 21 ... 29 Price per cwt. 18 - ...18 6 ... 19 - ... 20/6 ... 21/9 ... 22 6 ... 23 6 ... 25 - ... 26 ... 27 6 ... 29 - ... 31 - ... 32 6 ... 36 - ... 39 -FINE GALVANIZED WIRE, per stone of 14 lbs. CUT TINNED BOTTLING WIRE, per stone of 14 lbs. Number ... 23 ... 24 ... 25 ... 26 ... 27 ... 28 ... 29 ... 30 Number ... 20 ... 21 ... 22 ... 29 ... 24 Price per Stone ... 66 ... 73 ... 83 ... 96 ... 12 - ... 129 ... 139 ... 15/- . Price per Stone 6.4 ... 66 ... 69 ... 7 . . . 76 ... 86 GALVANIZED CLOTHES LINE, No. 9 x 7 ply Strand, 100 ft. lengths, 15 6 per dozen; 50 ft. lengths, 8 - per dozen. EXTRAS. Wire, wound in 1 lb, and 4 lb, Colls, 6 - per cwt, extra, Wire, wound in 4 lp. Cods, 7 6 per cwt. extra. MACHINE CUT FENCING STAPLES. t ~ 12 ... 1 × 12 ... 12. 11 and 2 in. × 9 ... 2 × 6 Gauge. Beight 176 17 - per Cwt 26 . 21.-20 . .. TINNED NETTING STAPLES in 1 Green Rover. 1 × 14 an. 2d. per Gross. CALVANIZED STRAND WIRE FOR SIGNALS AND SENCING No. 266 .. 25 . 560 .. 884

GALVANIZED FLEXIBLE PATENT STEEL WIRE ROPES.

6 Strands, each 12 mires outside Hemp Cores, over a main hemp core. Suitable for raising and lowering Art Lamps, Well Ropes, Motor brake Ropes, &c., &c.

Circumference in inches	***	2	1	ř.	- 2	i	1	11	11	11/2	1.8	3
Breaking Strain Approx								2 ₃ Tons				
Prices per 100 ft		12	12.	18,6	14/-	18/-	19,6	21,-	22/-	27,-	81/6	37,6

GALVANIZED IRON CORDS.

No			ŧ	1 %	1;	2	3	1		1,	
neter in inches rox. Breaking Strain		-824	-252	-207	-189	158	-126	108	*090	07.2	
rox. Breaking Strain	1bs	3119	1884	1275	1063	697	471	345	240) lim	

GALVANIZED STEEL CORDS.

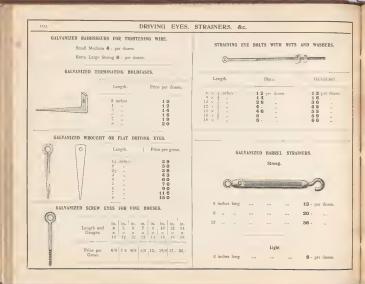
12 -

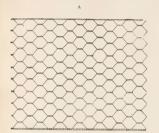
Price per 100 feet 15 -

No.	1	13			2		1		
Diameter in inches	37	27.2			ta3	.9."	1105	14	112
Approx. Breaking Strain Ibs.	7780	4720	3184	2600	1701	1172	86,0	0.	5941
Price per 100 feet	25.6	21 .	18.	18 -	16.6	12.6	12.6	10	40

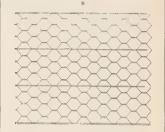
COPPER CORDS.

	No	1	12		1	2		4	1	<i>h</i>	
Diameter in inc	hes		- 2	91.,	-1>9		1"	1.8	μ	***	
Approx. Breaking	ng Strain Ibs.	(15)	1190	,96	4.15	121	200	21 -	100		
Price per 100 fe		66	46.	33 -	27 6	22 6	20 -	20	18	18	









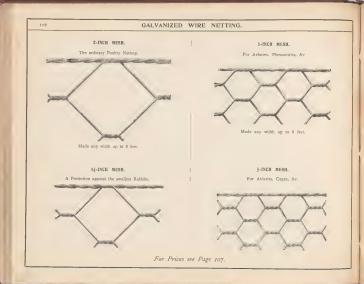
4-INCH MESH DIAMOND SHEEP NETTING,

Per 50 yard Roll, 8 feet wide (A).

				Ga	(van)	wd.	
				to	5.	d.	
Gauge No.	17			0	11	9	
	16			0	13	11	
	15			0	17	9	
	1.1			1	0	5	
	13			 1	4	0	

17, 16, 15 W.G. NETTING, with strand centre wires (B) 19 per Roll extra for each strand.

14, 18 " 2 - " " 12 " " 2/6 " " "



From the collections of Sydney Living Museums / Historic Houses Trust of NSW

New and Revised Gross Prices of Galvanized Wire Netting. PRICES PER ROLL OF 50 VARDS

								40.830		A1-0- A2		50							(Revised	IN Jana	ary, totet
Mesh	Gauge	12 Laches Wide.	In hes	24 Inches Wide.	,nches Wide.	Inches	Inches Wide.	Inches	Inches	7º Inches Wide.	Mesa	Gauge	12 Inches Wide.	Inches	Inches	Inches Wide	Inches		liches	Inches- Wide.	Inches
i m	92 20 10	17.7	2 . 3	27 9 22 10 43 1	411 -		56	18	NAT	96	1 1/2	19 18 17 16	5 7 5 3 11 0		16 10	12 4 15 7 20 4 25 11	18 -	21	31 1 31 1		18 6 3 17 60
5 8 'n	29 90 10	11 13 s 15 9	107	20 7 20 1 31 10	31	50 57 8 50		10 38	0 1'2 8 i	74 1 102	15 mch	19 15 17 16	5 2 6 4 8 8	7.5 9.1 11.10 11.10	11.7	11 0 .1 18 2 22 0	13 2 15 2 21/ 26 3	15 1 18 11 24 F 30 8	21 G 28	21 11 26,11 35 - 43 9	32 F
3 4 in	90 1.0 18	9 A 11 Iv 16 I	17 -	21 1	20.4	21 30 ti 45	25 11	41 -	31 4 70 -	C1 6	2	19 18 17		10.5	8 1 10/3 18/3	12,3 15/9	11 14/~ 18/~	21/ }	18/8	den.	27 28 - 30 -
1	20 15 18	5 L 10 9	10.7 12.8 10.0	13 a 1: 1 19 7	23 11	28 -	32 K	30 N	418	16	mch	16 15 14	15/10	17/- 21 10	27 11	t	35	84/5		49 2 68 4	47 - 59 76
mch.	17 16	19 3	20 % 27 8			50 8				75 100 ii	3 mch.	18 18 17 16	3 % 4 1 6 11	5 10	6 1 7 5 0 8 12 1	7 7 8 31 11 7 14 3	13 2	10 1 11 10 15 1 12 3	17 6	14 5 16 11 21 11 27 1	20.4
1 4 mch.	18	11.4		15 2.0		22	25 N 83 10 45 C	SH N		58,-	4	17 16 15	3 1s 6 g	6 8 7 7 9 8	8 1 2 8 12 4	0.7 11.4 11.0	11 ± 13 2 16 9	128	11 5 17 5 22 1	18 3 72 28 2	22 20 s 53 10

Widths under 12 inches charged as 12 inches, and intermediate widths to be charged the same rate as the next greater width.

Mesh	Gauge.	Inches Wide.	42 Inches Wide.	Inches Wide.	Mesh.	Gauge.	Inches Wide.	12 Inches Wide.	48 Inches Wide.
3 inch.	16 15 14 10 12	17 20 6 25 31 40,-	19/10 23/11 29/2 36/2 46/8	22,8 -7,4 88 4 41/4 53,4	4 inch.	17 16 15 14 13	11/9 13/11 17/9 20/5 24/- 32 6	13/9 16/3 20/9 23/10 28/-	15/9 18/7 28/9 27/8 32/- 48 4

Flat Galvanized			
7 in. × 7 in Round do. No. 4 do. do. 8 in. do. do. 1 in.	1/ /8 1/- 1/8	1/2 1/4 -/9½ //4 -/9½ //11 1/2 1/4 1,5½ 1.8	Per Roll Extra NET

TINNED NETTING STAPLES. 15×12 15×13 1×16 2×15 5×16 gauge.
Prices ... 8d. 6d. 4d. 3d. 2d. per gre Carriage Paid to Stations in England and Wales on Orders

of £3, NET VALUE.

GALVANIZED STRAIGHT WIRE LATTICE. Cross-bars 8 to 4 inches apart, and Galvanized after made. Prices per square foot. The cross wires 3 to 4 inches apart, run across the width, and are made of No 11 for 2 and 2 in.; No. 10 for 2 to 2 in.; No. 9 for 1

GALVANIZED CORRUGATED DIAMOND WIRE TRELLIS.

In ordering, please state which dimension is the height.
Pieces under 4 feet superficial are charged by the piece.



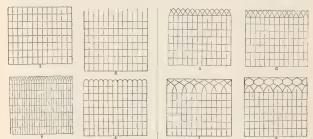
GALVANIZED WIRE CAT GUARDS. | Sizos 1 6 2 01 2 3 2 6 8 0 | Pricos per duz ... 144 18 2 22 26 38

Special quotations for large quantities.

(including fixing if required)

Measurements taken and Estimates given on application
All sizes made to Order at short Notice.

This Penting is perfectly square and true, very strong non rigid, made in 25 yard lengths, equal to and chisaper than any hand-made. Were Work, with the advantage of the long length, and can be made any height in prof. if length and remain perfectly rigid, as before. When the patterns require the waves to be very must restored to from a close Garbie Topol. Were are substituted for one No. 18, rendering the work nearly double as firm at no extra cost (see patterns 24, 4, a, 6). Any similar design for Top

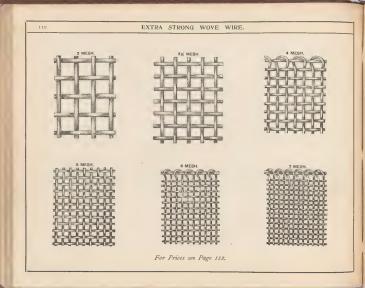


Prices per lineal yard, a feet high.

Any heights in proportion from 12 inches to 6 feet.

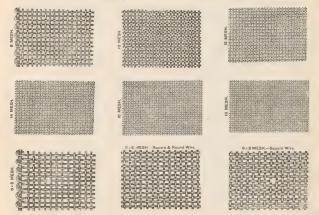
(9 inches charged as 1 foot.)

Horitontal	Vertical	Plais	p, Pointed, and Double 2 No. 16 Wires.	Mesh.	Horistatal	Vertical		GOTHIC TOP.	
wires apart.	wires apart	No. 14 wares	2 No 16 wires.	No. 12 wire.	wires apart,	wires apart.	No. 14 wire.	No. 13 wire.	No. 12 wire.
3 inches 3 3 3	3 inches 2 1½ 1¼ 1	1/9 2 2 5 2 8 3	2/- 2/6 2/3 3/3	2/8 2 9 3 - 3 3 3 3	3 inches 3 . 3 . 3 . 3 .	8 inches 2 11 14	2 · 2 ii 2 ii 3 ii 3 ii	2 6 2 9 3 3 3 3 9	2 9 3 3 3 3 6 4



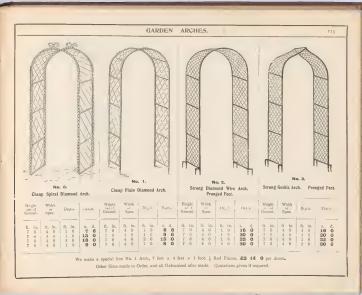
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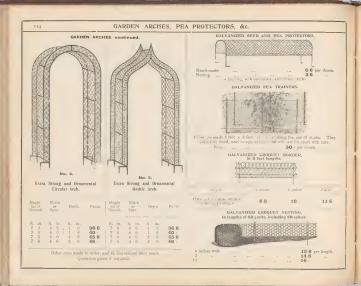
FOR MINING PURPOSES, MALT KILN FLOORS, SMUT MACHINES AND SCREENS.

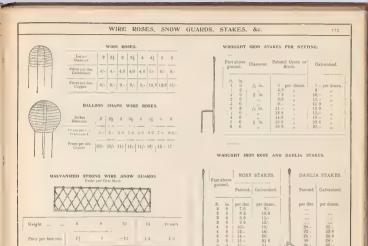


For Prices see Page 112.

112							WOVE	en v	VΙ	RE.						
		EXTRA S	TRONG II	RON AND	STEEL V	VOVE WIR	E.				KILN	AND S	MLT W	RE.		
	For s	Malt Kilns,	Screens, d	bre, see W	sed Cuts p	tages 110 a	ind III.			38 (-0)	Grange of Wire.	Price per sq ft.	Garge of Wire.	Price persodi	Gauge of Wire.	Pric
			Woven	iny wiath	ap to f fc	et.				6×8 Round Wire	10 17	a iii	17171	5. Su.	117	al 5: 6
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18	24	1 0	2.	0.0	26	0 84	21	6 7	3	BL		B, ain	nost all	widt	18.	
_						GAL	VANIZED	WIRE	SI	EVE WEBS.						
						(Woven fro	m Galvi	anie	sed Wire.)						
			Mesh			. 11	to 12	. 4		16 18 :	30	21	Jii			
			Price	s per squar	e foot			old.		64 76 E	Si.	nd.	103			







SPIRAL BORDER HOOPS.

Easily fixed to any shaped Lawn. Price per dozen 2/9.

GALVANIZED WROUGHT IRON MANURE GUARDS.



These are now largely used in accordance with the New Sanitary Arrangements in all Stables

Made with Strong Iron Frames, Half Round Top Rail and filled in with Heavy Diamond Wire Work.

Ler	igth.	F	lack to E	ront.	He	whe		Price		
ft.	ın.		ft, in		ft.	m.	6	41100	٠.	
4	0		2 0		3	0	1	18	0	
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5	0		3 0		3	13	2	8	0	
э	0		3 0		3		2	18	0	
6	0	***	3 0		3	0	2	12	0	

If fitted with Sheet Iron Shirring

	high			6 d.	per	foot	lineal.
9	13			9d.	- 11		11
12	11			1 -	11		



Made n Strong Wrouget Iron Frames, Half Round Top Rail, and falled in with Heavy Diamond Wire Work, fitted on 4 Wheels with Side or End to take off, and Bettom made of Galvanzed Iron Plate, perforated with Holes for Draining.

Leng	th.	W	idth.		Hei	ght.		Price	
Ř.	173.	ſt.	in.		11.		£		d.
4	0	 2	6		9	r	 5	0	0
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7 10 0

COAL SAVER.



STRAWBERRY GUARD.



6 ft. long, 1 ft. 6 in. high, 1 ft. wide of 3 mesh, including one end to each Guard Price 44 dozen

GALVANIZED SIEVES.



ı	mesh	each	8/-	36	ă,-
200	11	51	29	3,3	 3/9
				_	

WORMED PATTERN GAS GLOBES.



Galvanized, 7 in. diameter ... 6,6 per dox.

Do. with Washer Bottoms, 10

Do. Diamond Pattern,
with Tinned Top ... 18.6 ...

WIRE RAT TRAPS.



12 inches long ... **25 6** per dozen.

GALVANIZED POULTRY FENCE. With Standards Japanned Black.



THE "WONDER" RAT TRAP.



The Genume "Wonder" 30 - per dozen.
Creaper Make 22 ...

No. 1 .-- KITCHEN GUARDS, Strong and Well-made. SPECIAL LINE.



t in. Diamond Mesh $\frac{1}{\delta}$ in. Rod Frames, 27 ins. high × 12 in. projection, in nests of five sizes 3 ft. to 4 ft. long inclusive.

Japanned Black per nest ... 9 -Galvanized ... 15 -

A Single Guard Japanned 19 110 2 23 26 29 33 and Galvanued 3 32 34 38 39 43 49 ...

JAPANNED, 11/3 per nest. OALVANIZED, 18 6 per nest.

No. 2 .- STRONG NURSERY FIRE GUARDS JAPANNED.



in. × ½ in. Half-round Top Rai
 in. Diamond Mesh.
 ft. 3 in. high, 11 in. projection.
 In Nests of Five Guards.
 ft. 4 ft. inclusive.

3 ft to 4 ft. inclusive.

With Iron Top Rais 22 6 per nest
With Bruss Top Rails 30 - ...

No. S .- KITCHEN FIRE GUARD.

Made in one size and Quality only.

Japanned 16 each.
30 ins. High. 24 ins. wide. 10 ns. Projection.
Fram. Rod. 1½ 'n. Diamond Meth.
Diagonal Wires 16 w.g.



No. 4 .- DOME TOP SPARK GUARDS.



, INCH MENH.

19:n 14:n. 16:n. 18:n. 90:n
6/3 76 86 96 106 per dox.

1.3:n. 14:n. 16:n. 18:n. 90:ln
76 86 96 116 136

No. 5. STRONG WROUGHT IRON BAR GUARDS.



JAPANNED BLACK.

27 in. high × 12 in. Projection.

In Nests of 5 s.zes, 8 ft. to 4 ft. inclusive

No. 6. CLOSE-WIRED NURSERY GUARDS.



Every Description of Fire Guards and Fenders made to order upon receipt
of specification.

All Japanned Guards are painted by hand, therefore will not Chip.

STRONG BUILDERS' SCREENS.

LACED SCREENS.

+ 20 - 22 0 20 -3 166 19 - 22 and larger.

LOCKET SCREENS.

2 30 - 39 - 3 20 30 31 -21 ' 9, 30 2 3, 26 - 20 + 226 21 27 -

WROUGHT GALVANIZED IDON WALL TIES



No. 2,



STRONG SIEVES FOR BUILDERS.

Woon RIMS.

STRAIGHT MESH.

Size. STRONG 20 mch 22 inch

3/9 4.- 4/3 5 - ea n. 4/- 4/8 4/9 5.6 ...

STRONG GRAVEL RIDDLES



Extra Strong. Size. Mesh, b # 1 1 1 inch.

20 inch ... 4/- 4/3 4 6 5/- each.

20 inch ... 4/8 5/ 5 6 6 - ...

WHEAT SEED OR CORN SIEVE.

20 in. dia., 10, 12 or 14 Mesh 34 6 per dozen.

These are made of various thicknesses and lengths, but kept in stock 7 inches long, 11 wide, 4 thick.

Prices

					Black	Galvanized
					per cwt.	per cwt.
v	1	 4+1	***		 18,6	27/-
	2	 ***	***		 18,6	27
	3		 	***	18,6	27 .

From the collections of Sydney Living Museums / Historic Houses Trust of NSW

"JHILMIL" STEEL LATH.



Part plastered.

Both sides the same.

The "Jalimil" Patent Steel Lata has non been in use for severa years, and an supplied a most pressing want in Fraction Construction. The "Jalimil" Lath lends itself most readily to bending round columns, girders, &c. It can be fixed direct on rough boarding and plastered. The New "Jalimil" (see opposite) in better for ceilings and partitions.

STOCK SIZE SHEETS.

Architects should specify the "JHILMIL" for bending round Columns, &c.

Special Quotations for quantities of 100 square yards and over.

THE NEW "JHILMIL" STEEL LATH.

Patent Fire-proofing Material.

TRADE "JHILMIL" MARK.



Certificate Awarded,

FIRE BRIGADE UNION,

1893 and 1896.



Front.



Part plastered.

The New "Jhilmit" Patent Seel Lath, as now perfected, applies a much more rigid lath for cenings and partitions. The key is greater, and the corrugations produce remarkable stiffness, the casel points for a saccessful metal lath.

STOCK SIZE SHEETS.

6 × 2 feet 1/6 per square yard.

Architects should specify the NEW "JHILMIL" for Partitions and Cellings.

Special Quotations for quantities of 100 square yards and over.

STAIR NOSINGS.



We have been so often asked for ZINC STAIR NOSINGS, that we are now in a position to supply same at very low prices.

2}	3	81	4	8	6	Inches wide. 11 W.G.
1 1	1 24	1 4 1	1 7	2 -	2 6	Per Foot Lineal.
				BRASS	3.	
21	3	81	4	8	6	Inches wide. 11 W.G.
29	3 4	3 8	4 6	6/-	7 9	Per Foot Lineal.

ZINC.

We can supply up to 6 feet long, at prices named.

COUNTERSUNK SCREW HOLES PUT WITHOUT EXTRA CHARGE.

E	B	€.	3	gi .	8, 38	3_30		6.18	1.3
N	0.	12 No. 1	3 N	o. 15	No. 21	No. 19.	No. 17.	No. 18	No. 16.
N	0	1 The Council Drain Double Worm: Lengths 30 Prices 44	Screw, 4 in. Dr	op Scraper, 0 1/	4 in. Rubber Plunger, 50 60 63/ 73	and Brass Clearing Wi	. 100	150	Whalebone Head, 200 feet, 170 - each.
		Lengths 90 Prices 62 -	40 74/		50 50 91 104 cods, fitted with Spring	g Lockfast Joint, 4,- 1	100 158/ per 3 ft. length.	150 226 ,	200 feet. 294 - cach.
						uit Ordinary Brass S	crews.		Pro
. :	12	-Spring Hook .	Price M No 26	13.—Join 13 — Do.,	ted Scraper, 6 in \$	ce. 3/- No. 15.—Fixed : 7 6 , 16.—Double	Scraper, 4 in 2 -	No. 16 - Double with C	Worm Screw, Suide Wheel 7
N	0	ATT Disaster Potes C.	tout Dubbox or	th I anther	e for W C %			4 in., 2 6 : 5	in., 33; 6 ip., 4.

Whalebook Brushes for Drain Work, in Brass Pittings, as above ... Proc. — 6 or 3.0, 7/1, 6 m., 7/6; 8 m., 8 + 1 9 in., 9/1.

No. 18—Gen Metal Roller ... 4 . Baller sir required to suit Spring Lackfast Jonat, 8d. each.

SPECIALITY.—For Drain Cleaning, consisting of specially tested Red Malacox Canes, and Including Brass Cleaning Wheel, Double Worm Screw, 4 inch W.C.

Stork Rouber Plunger in Brass Pittings, Drain Brans and Straps. Filted with interchangeoide Brass Screws.

10 . 200 fort.

CHIMNEY SWEEPING MACHINES. Comp. vie. Neverol. Paratis. Each Machine. consists of spec. d.y-tested Rod Mackets, step will not., heregolite Di. and Serross. In or 13 in, bast Chimney Break in Brane Cog and Wood, Jinde Bourk Soil Servick, Best Hair Fire Break, Boat Chimney Gink to cover Fireplane, with Cloth Side. Screicher for the name, and Steps. Micholane and on your high A. Rods, mainst otherwise ordered.

Langths . .0 .0 .60 .70 .80 . 100 feet.

REVOLVING_ARCHIMEDEAN SCREW VENTILATOR AND SMOKE CONDUCTOR.

The Archimedean Screw Ventilator is constructed on strictly scientific principles, and is certain in its operations in purifying the air of a crowded workshop or ordinary apartment, and in preventing down disagnts and smells in chimneys.

moving whom a circular tupe of snait, centered upon an impersnable substance, moving whom noise, and surmounted by a perpendicular wind vane, which is hung so delicately that the least breath of air will cause it to rotate, so that a draught upwards is a necessary effect.

the working arrangements are so sensitive that the least wind will cause the hood of the Ventilator to revolve, and it will keep in perfect working order for a period of from four to six years, without any attention whatever.

It should also be borned in mand that although wind vanes are affixed, the cores works by the upward current of warm air altogether undependent of the breeze outside. When the wind is strong and down draughts are to be appealeded, the advantages of the rotary vane are at once perceptable, for not only does the smoke freely watered, but an increased draught is given to the clumner.

exercising any effect on the first and so certain is its action, that the room is kept free from smell

of soot in the summer, which is itself a consider able advanta_c

Before fixing it is necessary to see that on boxes are filled. Special oil 1 6 per tin extra.



No. 1.





PRICES OF ARCHIMEDEAN VENTILATOR FOR VENTILATING ALL

	No.	1.						No.	2.			
			Æ	4		6	Inch	Diameter		0 1	8	9
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PRICES OF ARCHIMEDEAN VENTILATOR FOR CURING SMOKY
CHIMNEYS.

							No 3					
							saft Fic		03.	L		
	Inch	Diameter,								1	5	6
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7			М	ft,	high					1	16	0
					Por	r Bad	room F	Scenle	ICRA.			
1.	Inch	Dameter.	3	ft.	hgh					- 1	10	0
3.1	12	41	3	ft.	6 in.	high				1	13	9
- 11										1	17	6
				- 1	Por 1	Dining	Room					
. 4	Inch	Dameter,		ft.	high					1	13	9
12	53	35	8	ft.	6 in.	high				1	17	6
			4	ft.	high					2	1	6
					En	e Kit	chen F	Irenia	CDE.			
14	Inch	Diameter.		ß.	higo					2	- 1	6
1:					1 10					2	5	0
14			A	ft.	high	. 6.1				2 2 2	8	9

FIREPROOF VENTILATORS.—We make the No. 3 Chunnay Ventilators, fireproof if required, at an extra charge of 15¢- each more than the above list up to 15 in. and 20¢- each from 14 ims. upwards. We do not send these made freproof units



PROTECTED BY HIS MAJESTY'S ROYAL LETTERS PATENT.











No 2

49.	EARIAUST	VENTILATORS	

1 15 0 2 5 0 | 2 15 0 |

RNA	IE,	NI	AL,	N	o. 2	5.	
. batt	24	lm	Cone		10	15. O	d.
	27				11		0
	34				17	16	0
11	48				21 28		0

INLET VENTILATOR.

With I		Brick s Com		n ti si	ing	Top Part
	1	No. 4.	0	6.	d.	14×10 Base 14×10
9 in.			0	13 16	6	16×16 ". Terra Cotta

TOPS.

				$n^{\frac{1}{2}}$	
			74. 6		
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GARA			16	- 0	а
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tta	à			1 1	

Stovens' ENHAUST VINTHATOR, a contribution with the stovens and the stovens are stovens as the stovens are stovens

Stevens' DRAWER INLET VENTILATOR - 1 cm stample 1 cm - taken, mg (10), ar anto Churches, Factories, Hospitals, Private Dwellings, Billiard Rooms, etc. Rever necessary, alternative the restricting types as the street of the restriction of the street of the st



THE "EMPRESS" SMOKE CURE.

Sizes and Prices.

No. 1 .- FOR ORDINARY CHIMNEYS.

As kept in stock for instant delivery. The Tube 10 in, diameter.

The Base (with flange for brickwork) 14 in, × 9 in. Revolving Head

16 in, diameter cotside Fans. Total height 6 feet.

Price &2 17 0.

Bases of different sizes, 9 in. < 9 in. or 9 in. by 12 in., &c, can be supplied to order at a few hours' notice.

If Base not supplied, the orice is 8:- less.

No. 2. FOR KITCHEN CHIMNEYS.

The Tube 12 in. diameter. The Base, 14 in. × 12 in. Revolving Head 31 in. diameter outside Fans. Total height 7 feet.

Price #23 9 0; without Base 10 - less.

The Tube 8 in. Diameter. Base 14 in × 9 in. Diameter of Revolving

Price £2 9 6; without Base 8 - less.

No. 4.—FOR GAS FIRES.

The Tube 6 in. diameter. Base 9 in. × 9 in. Diameter of Revolving Head, 12 in. outside Fans. Total height 5 feet.

Price £2: without Base 7 6 less.

No. 5 - FOR SMALL GAS STOVES

Total height 2 ft. 6 in. The Tube 4 in. diameter.

Price #1 7 0.

THE "CLIMAX" SMOKE PREVENTATIVE CHIMNEY-POT

This ingenious invention for Smoke Prevention and Ventilation is based on simple scientific principles.

GREAT MERITS OF THE "CLIMAX" SMOKE PREVENTER.

It prevents down draught.

It is noiseless, being a fixture.

It requires no cowl nor cap

It provides for every action of the wind.

It accelerates up current.

It cannot get out of order.

It is easily swept.

It provides free escape of smoke.

Made 5 ft. 6 in High 14 × 9 Base.

PRICE, Strong Zine complete, with Base

Galvanized Iron 47

d. 440.

"CLIMAX" In Stormy

THE # "LILLIPUT CLIMAX"

TOP.



Made 2 ft. High, with Round Base

PRICE Lin Strong Galvanized Iron, 12 6

"CLIMAX"

Estimates for Copper on Application.



MILBURN'S PATENT NOISELESS REVOLVING CHIMNEY COWL.



THIS recoving Cont prevents wand blowing down the Chimera-Planed in most trying distations. It has never been known to sall Great care is used in the construction of its internal filtings, when being rands of Cooper and Bears, will last a long time. It is not at all liable to get out of order, and 1 made so strong that it will stand the facer of a horricease; in it, in tenerated action of a storm only increases its efficiency. It is perfectly measures it easily the contraction of the contraction of the contraction of the bear of tenerating titers in a section of the contraction of the contraction, mether is it affected by front. In case of the chimuse, taking the it would reman unsigners, being much frequency,

Made in Galvanized Iron, with Copper Fireproof Oil Box.

Price . .. £4 4 0

MILBURN'S PATENT NOISELESS VENTILATORS.

With Copper Oil Box.

Suitable for all purposes, quoted for on application.



"THE PARAGON" CHIMNEY COWL.

Registered No. 6716.

Price 37.6 each.



CONSUMMATION CHIMNEY POT.



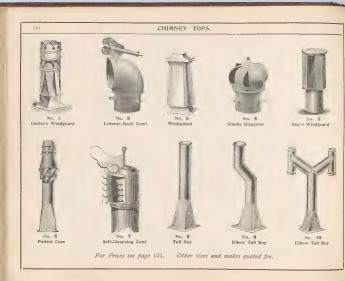


Price, made in Strong Zinc, complete ...

.. 24 - each.

., Galvanized Iron

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No. 1. CARTER'S WINDGUARD

Made 4 ft, 6 in, high, 14 × 9 inches at base. Prices.

Strong Zinc 22 - each Galvanized Iron .. 22 - each

No. 2. LOBSTER BACK COWL

Diameter. Strong Z nc. or Galvanized) , 9 , 1 8 , 6 11 - ,2 -

No 3. WINDGUARD

Strong Zinc ... 23 6 each Galvanized Iron . 23 6 each

No & SMOKE DISPERSER.

4 in. 6 in., 9 in. 10 in. 11 in. 12 in Strong Zinc, or Galvanized! 5 6 6,6 | 9/6 , 10 - 10 6 11/-

No. 6 DAVS WINDOUARD

Iron, each

Diameter.	10 in.	11 in.	12 in.	Diameter.	10 in.	11 in.	12 in.
Strong Zinc)	12/6	15/-	17/-	Gaivanized } Iron, each i	16	17 6	22 -

No. 6 THE PERFECT CURE

Is specially constructed for the prevention of downward draught. The apertures in body of same allow all downward currents to escape instead of

Strong Zinc ... 22/6 each | Galv'd Iron, 4 ft. 6 in. high, 19,6 ea. 4 ft. 6 in, high. 6 ., 0 ., 24 - ..

No 7 THE SELF-CLEANSING COWL.

Strong Zinc, or Galvanized 1 10 - | 11 - 12 - | 12 6 1 - | 18 -

No. 8. TALL BOYS

Strong Zinc

Height.	Diam.	10 Gauge.	12 Gauge	14 Gauge.
5 feet	9 inches	10 - each	15/- each	17/6 each
6 ,	10 ,	11/- ,,	16/- ,	19/- "

Galvanized Iron

Duam. 24 W.G. 22 W.G. 9 inches 12/9 ... 22 20/- " 10 ... 10 " 22/- ..

Light pattern, 6 ft. Tall Boys, 14 x 9 base, 9 - each,

No 9. ELBOW TALL BOY (Galvanized Iron). 6 feet high, 14 x 9 base, Strong 17 3, Light 18 9 each,

No. 10. TALL BOY (Galvanized Iron). 6 feet high, 14 x 9 base, 29 - each,





No. 12.



THE "LION" SMOKE CURE AND VENTILATOR

Made of the Best Sheet Steel and Calvanized after Manufacture.

The "Lion" Smoke Cure and Ventilator.—It is the strongest Revolving Cowl in the market, is guaranteed Fire-proof, all parts being Seamed or Rivetted, and is self-cleaning. It has Notecless Bearings under od. and is fitted with Copper Oll Box, Brans Bearings and Sixel Spindle.

PRICES OF "LION" SMOKE CURE,

For ordinary Chimneys, 9 in. diam., 6 ft. high, 14 in. × 9 in. base, Painted	 ***	***	£1 15	O ead	ch
Do. without square base for fitting on existing Pots			1 5	0	
For Kitchen Chimneys, 10 in. diam., 6 ft. high, 14 in. × 10 in. base			2 9		
Do, without square base for fitting on existing pots			1 15	0 ,,	

Other sizes to Order and made in Copper if required



THE VULCAN VENTILATOR.

Made of Sheet Iron, the whole Galvanized after manufacture. This Ventilating Terminal is so constructed as to do away with the COMMON WIRE CAP which is so UNSIGHTLY and causes the work to look unfinished.

The VULCAN VENTILATOR is an ornament to any building, is perfect in action, and it very strong and cheap SULTABLE for GAS FIRES and SOIL PIPES.

24 in. pipe, 2,6. 3 in. pipe, 2/9. 4 in. pipe, 3/-. 5 in. pipe, 4/6. 6 in. pipe, 6,6 each



EXHAUST ROOF VENTILATORS. Nos. 36 and 37.

If made of Zinc, 15 per cent extra.





Design No. 15.

IMPROVED PATENT RIDGE VENTILATOR.

PRICES.

 Length
 12 inch
 ...
 £1
 17
 6
 Length-38 inch
 ...
 £4
 5
 0

 n
 18 inch
 ...
 2
 10
 0
 ,...
 48 inch
 ...
 6
 10
 0

 ,
 24 inch
 ...
 3
 5
 0
 ,...
 80 inch
 ...
 8
 0

These Ventilators are made with Flanges to pitch of roof, and are made in the most substantial manner of galvanized steel, and painted.

"Standard" Ventilator.

THE "STANDARD" VENTILATOR.

"Standard" Ventilator. Fig. A, to Fit over Round

Parposes for which the different sizes are adapted.	Outside Diameter. Diameter	Prices of Copper.	Copper.	Prices of Stout Zinc. Fig. A.	Prices of Stout Zinc Fig. B.	Prices of Galvan- zed Iron. Painted. Figs. A or B.
	ins ins	. £s d	£s. d	£s d.	Ls d.	£s d
Soil Pipes and Small Rooms	0 8	3 U 15 0 1 5 1 0 0	6 18 0	0 10 0	_	0 12 6
Rooms of not more than 150 square feet area						
Rooms of 300 ,						
., ., 100, .	18	- 1 = 0	1 7 6	1 15 0	9 2	9 15 0
Shops or Small Halls, 600 sq. ft. are	a 2 / 1	0 4 15 0	5 10 0	2 2 0	3 , (3 1 0

Halls accommodating 100 persons 24 12 '1 0 7 11 0 3 0 0 3 1 0 4 1 0 150 . . 30 1 15 July 13 15 0 4 6 0 1 0 5 1 0 REGISTER No. 279188. 86 | 18 | 11 | 0 | 15 | 0 | 0 | 0 | 5 | 15 | 0 Fig. B, to Fit over Square

These Digutes of Capacity must be taken as rough estimates, and on the understanding that ample process not mad to must of fresh air, and also that the position of the building is favourable.

200 ...



No. 1.





WROUGHT SHIP AND BARGE BELL MOUTH VENTILATORS. ORDINARY WROUGHT IRON BARGE AND SHIP VENTILATORS.

Made of 20 W.G., with Brass Bead Top and Band at Bottom. Made of 20 W.G., with Iron Wired Bead Top and Band at Bottom.

Prices Prices 12 10 12 14 inch 55 6 61/- each. Painted ... 48/9 25/8 32/-37/6 each 66.6 73/- . Galvanized Galvanized 50/-58/6 ... 27/-30/6 38/6



INLET VERTICAL TURES.

No. 448

The annexed drawing shows a simple form of stant supply of fresh air is required. The usual height is 5 ft. 6 in. from the floor; a few inches

	Section	Section
	6 x 3	9 x 4
Polished Copper	£1 2 6	£1 7 6
Enamelled Zinc	£0 14 0	£0 16 U
Plain Zinc	£0 11 0	£0 13 ∂

Galvanized Iron specially quoted for.



INDEX INLET THRES.

No AAA

A valve is inserted near the top of the tube,

of the tube, and a pointer is attached to the axle.

when the valve is horizontal the pointer is at S It is thus seen, with accuracy and without difficulty, whether the valve is shut,

Tubes & ft. 6 in. high, kept in two sections in

	Section	Section
	6 × 3	9 × 4
Polished Copper	£1 18 0	£2 2 0
Enamelled Zinc	£1 2 6	£1 5 0
Plain Zinc	£0 16 0	£0 18 0



No 445.

The same as the foregoing, but with fluted

5 feet 6 inches high.

	Section	Section	
	7 - 3	9 × 4	
Polished Copper	£2 12 6	£8 0 0	
Enamelled Zinc	£1 10 0	£1 15 0	
Plain Zinc	£1 6 0	£1 10 0	

If without Value and Index, 6 - each less-

ORNAMENTAL INDEX INLET TUBES.

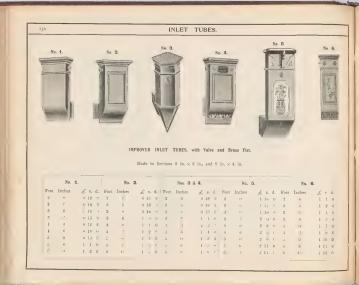
No. 446

Fluted front, stamped ornament round top, moulding and ornament at bottom, with return for wall. This handsome Tube is well adapted for fixing in a drawingroom or saloon.

Section 7 in. x 3 in.

Length.	Polished Copper.	Bnamelled Zinc.	Plain Zinc.
2 ft. 6 in.	£8 n 0	£1 12 6	£1 10 0
8 ft. 6 in.	£3 5 0	£1 15 (£1 12 (
100:	C9 10 11	C1 17 0	Z1 14 0

Without Valve, 6/4 less.



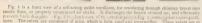
IMPROVED PATENT MICA VALVE VENTILATORS.

(Thomas Boyle's Patent.;

Fig. 2. Fig. SN.

Fig. 4N.





ARNOTT'S VENTILATORS. Gothic Fronts. Moulded Fronte



Nos. 20 to 23. Nos. 25 to 28.



SHERINGHAM'S VENTILATORS.





FOR PRICES SEE OTHER SIDE.

SANITARY MICA VALVE INLET VENTILATORS.

Upright

Improved Hanging and Brass Fronts GALVANIZED CAST IRON.

For the Punfication of Soil Pines and

SILK FLAP NOISELESS VENTILATORS.



MALLETT'S PATENT COWL AND VENTILATOR

SIMPLE in Construction, EFFICIENT in action. CHEAP in price

This invention is an improvement in Cowls, for promoting up draughts, and for preventing or lessen.ng down-draughts, in Chiomeys or Ventiating Shafts. MALLETTS PATENT COWL. Its stresse employs all on aparts analyse about down who can be to see contracted from papers and above
MALLETTS PATENT COWL, as showing these stresses on a test, of the almost percent acts of contracting the grant and acts of the stresses of the second acts of the almost percent and acts of the acts of the

the Sp. 1 He bett ship testies there is no will have said, for every second to a woman, me writing the Callanance to the gradient brene. It can be turned to

MALLETTS PATENT COWL and or clavarya restrict of with season images, influence, etc. with, with the damper shut, co. or se. at a dragget, and as respect a ore nitted dame en, thus affording equal or greater heat, with a saving of fuel

MALLETT'S PATENT COWL in client, at first with, as in in , to get out Corder, and will not be your MALLETT'S PATENT COWL, y to roug lable a to a populous and to be programmed and p

The filtering extract as whilebot from as theremony weaker of restaurables from as the first top of the firs

Herry Person for Parties, and the Parties of the Pa

MALLETT'S PATENT COWL on he started many direct, and to oder. Those give below are the standard a zer, sept. stock.



No. 1 -To slip it to existing puts or pipes, 8 in., 9 in., or 10 in. diameter.

PRICE 12 6 BACH.



No. 2 - 8 in and 9 in diam, Shaft,

PRICE 20 - BACE.

No. 3 .- 8 in, and 9 in, diam. × 6 ft. high overall, with 14 × 9 Base

PRICE 28 6 EACH.

NOTA—In force, case should be taken that the sponie a plumbed to the parpendicalar, so that the Cost response reads to the ward, which are tendency is been. In Sponie may be ground before youing on the suppose giving, after which are briefled within the further principal of the manual principal of the manual points. It possible, it is a Covid as deferent brights when two or more MALLETT'S PATENT COWL can be obtained through any frontenger, Builder, Flumber, etc., or direct from-

The Sole Manufacturers - CROGGON & CO., Ltd., 16, Upper Thames Street, LONDON, E.C. AND AT LIVERPOOL AND GLASGOW.

Bach Shield hears a brass label, on which are the names of the Manufacturers and Inventor.



	Signal o Pr . reh bec	ra Torrenda	Proce each	P1	in inches.	Proce
	-	- 1	6/10	Size	in inches,	each.
1	- 1	125	9/-	54	и пъ	19 -
	14.5	14.5	10/-	53	× 9	21/7
11	17/7	17/7	12/9			
7	217	21/7	16/7	6.5	× 8 1	21.7
*	243	24 3	18/10	64	× 10½	243
4	28 -	28 -	22 10			28 -
10	30,5	30/5	25 4	1 19	× 10\$	
.1	34 -	34/-	29/11	84	× 114	31/1
12	39 10	39 10	88/8	9	× 18	34/-
11	48 5	48.5	38/10	93	A LUE I	36 5
1.	60 10	60 10	50 5	1 "2	Y TOR	30 3

IT IS IMPORTANT that the Cowl should fit the chimney exactly, as otherwise it cannot work properly.

Guarantee and the Three Qualities

John's Revolving Chimney Cowl and Ventilator.

John & Ch.mney Cowls and Vent.lators shapes A, B, C, D, G, H

QUALITY I, is extra strong and very heavy, and should be used in all cases where sulphurous coal, wood or gas serves as fuel. Durability under regular circumstances about 15 years Price 35 per cent. higher than Quality II.

QUALITY II. is made of about 16 gauge sheet iron, a durability under regular circumstances of 10 years can be duaranteed.

OUALITY III. (from 51 to 23 inches only) is made of about 20 gauge iron. This quality is recommendable for all cases where a very long durability is not essential. The construction is exactly the same as with the heavy qualities, only the material is a little thinner. Price 15 per cent. lower than quality II.

Faulty chamneys (reduced too much at the top, insufficient height,

IMPROVED VENTILATING ROOF LIGHT (Patent).



This simple arrangement has received the highest approbation of Architects, # Slate. Tile and other Roofs, Dwelling Houses, and any Buildings requiring Light

It is easily fixed in a Root as a common slate, and may be introduced into old Roofs.

It is perfectly water tight in the most exposed locality without paint or putty, and superior and cheaper in every way to any other at present known. Being

No.	D	aylight	Size.				
1	28#×	171 11	iches				14;- each.
2	20 ×						.18 u
8	169×	18	17				8,9 ,,
4	18½×						7,3 ,,
ő	11 ×		11	***			5,9 ,,
6	35 ×	212 .	+	411			29/- ,,
7	30 ×	20 .					20 - 11
8	243 x	178					20/3 n
9	24 ×	144 .		***			13 3 ,,
10	174×	102 ,					8/6 10
				sizes mar	de to orde	n.	

BARNS'S PATENT SQUARE HAND GLASSES.

Advantages:



The frames are made of strong corrugated zinc, and glazed with zinc clips,

The glass can be removed instantly from one frame and fixed to another without damage; all glass is interchangeable, and every frame alike.

BARNS'S PATENT CAP GLASSES.



36. per dozen. 21 ...

67 6 per dozen. ZINC FRAME.

The cheapest and Best Plant Protector in the market. Extensively used by Market Gardeners.

CORRUGATED IRON ROOF VENTILATORS. MADE WITH FIXED LIGHT OR TO OPEN.





						e of		
				(Эре	ning.	Fixed	Light.
							24	22 Gauge.
Galvanized	Iron	6 ft. S	Sheet	36	×	20	15/6	18 - each.
11	13	7 ft.	55	36	×	20	176	196
13	93	8 ft.		36	×	20	18.6	20 6
11	+7	9 ft.	11	36	Х	20	20.6	23/- ,,
19		TO B		36	×	20	23	25 - ,,
							Made to o	nen.
							24	22 Gauge.
		6.0		30	4	28	26 -	28 6 each.
**		7 ft.		Jr.		18	27	30
		N ft.		36	×]R	283	31 - "
11	11	9 ft.		86	×	18	30 6	33
		IV ft	10	31		18	32 6	36 ,

GALVANIZED CORRUGATED SERRATED SHEETS.

USED AS AN UNCLIMBABLE FENCE.

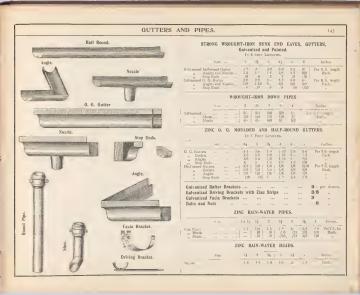


FINED TO WOOD OR IRON UPRIGHTS.

Length of Sheet.			26	24	22	20	18 Gauge.
4 feet			2/-	2,6	3 -	3 6	4/9 each-
5 ,,		***	26	8 -	3.8	4/3	5/6 ,,
6 ,,			2/9	3/6	4/8	5/-	6/6 ,
7		,,,	3/3	4 -	5 -	59	7.6 .,
8 ,,			8.9	4.6	5.9	6/6	86 "
9 ,,	***		4/3	5/3	6,6	7/8	9/6 ,,

The above are supplied the usual width, viz., eight S inch corrugations covering 2 feet when fixed.

SPECIAL QUOTATIONS GIVEN FOR QUANTITIES.



146		WROUGHT-IR	RON PIPI	NG AND	BOX GU	TTERS.			
		GALVANI2	ED WRO	UGHT-IRON	BOX GU	TTER			
	GIRTH.	20	Guage		18 GAUGE		16	GAUGE.	
	15 inch.	5. 5	D 0		8 D. 6 O		5. 7	6 per 6 ft. length	
	18	6	0		7 0		8	6 ,,	
	24	7	6		9 0		10	6 .,	
	30				10 9		13	О ,	
	36 .,				12 6		15	0	
	WROI	GHT-IRON RIVE	TTED PIP	ING Made	in a ft. a ft	6 ins. and 2 ft	lengt	hu	
Democrat inches		GHT-IRON RIVE	TTED PIP	ING. Made	in 2 ft., 2 ft	6 ins and 3 ft	. lengt		11
	-	- 7	×	9	10	-11	12	13	
Black 20 Gauge	1.	- T 1 1	12	14	1 1 6	11	12	13	2 2 per
Black 20 Gauge	i ·	1 i	1 2 1 4	1 4 1 6	1 6 1 9	1 8 1 11	12	13	2 2 per i
Black 20 Gauge	1 · 1 2 1 7	1 1 1 1 3 1 8	1 2 1 4 1 9	14 16 110	1 6 i 9 2	1 8 1 1 1 2 2	12	13 10 2 2 2 1 2 6	2 2 per i 2 6 2 8
Black 20 Gauge 1	1 ·	1 i i 3 i 8 3 4	12 14 19 36	14 16 110 88	1 6 1 9 2 4 ·	18 111 22 42	1: 1: 2- 2:4	13 10 2 2 2 2 1 2 6 3 5 -	2 2 per i 2 6 2 8 5 6 .
Black 20 Gauge	1 · 1 2 1 7	1 i i 3 i 8 3 4	1 2 1 4 1 9	14 16 110	1 6 i 9 2	1 8 1 1 1 2 2	12	13 10 2 2 2 2 1 2 6 3 5 -	2 2 per i 2 6 2 8 5 6 .
Black 20 Gauge 1	1 ·	1 1 1 3 1 8 3 4 5 6	12 14 19 36	14 16 110 88	1 6 1 9 2 4 ·	18 111 22 42	1: 1: 2- 2:4	13 10 2 2 2 2 1 2 6 3 5 -	2 2 per l 2 6 2 8 5 6
Black 20 Gauge 18 1	1 ·	1 1 1 3 1 8 3 4 5 6 1 9	12 14 19 36	14 16 110 38 66	10 16 19 2 4.	18 111 22 42 78	12 1 1 2 - 2 4 4 6	13 10 2 - 22 1 26 3 5 - 86	2 2 per f 2 6 2 8 5 6 9 3 6 per f
Black 20 Gauge 1 1 Catvan.zed 20 Gauge	1 ·	1 1 1 1 3 1 8 3 4 5 6 1 9 2 4	12 14 19 36 6.	1 4 1 6 1 10 3 8 6 6	11 16 19 2 4. 7	18 111 22 42 78	12 1 1 2 - 2 4 4 6 8	13 10 2 2 1 2 6 3 5 - 8 6 3 2	11 2 2 per f 2 6 2 8 5 6 9 3 6 per f 4 4 4 6 4 6
Black 20 Gauge 1 1 , Calvanated 20 Gauge	1 ·	1 1 1 1 3 1 8 3 4 5 6 1 9 2 4 2 8	12 14 19 36 6.	1 4 1 6 1 10 3 8 6 6	10 16 19 2 4. 7	18 111 22 42 78 28 32	12 1 1 2 - 2 4 4 6 8	13 10 2 2 1 2 6 3 5 - 8 6 3 2	2 2 per f 2 6 2 8 5 6 9 3 6 per f



PORTABLE FURNACES. With Wrought-iron Galvanized Pans-

Including Elbow and 2 ft. Pipe. 6 8 10 12 14 15 18 20

Stree 6 8 10 12 14 15 18 50 55 50 40 FO Gal 1.2.h. | Traines and 1.2.h. | Traines and



With Cast-iron Galvanized Pans.

FOR GAS.

If fitted with Fletcher's 4 in. Gas Barner, 6 to 14 Gallons, 8/6 each, 16 to 50 ... 17/-

The Latest Portable Copper.



Every part replaceable. Takes ordinary furnace pan.

Leather lid handle. Does not burn you.

One third of the space taken by built -in coppers, and costs less.

Steam goes up the flue—not in the Room.

Open base is clean and gives no harbourage for drt,
beetles, mice, etc.

Flat galvanized sheet Iron lid forms a table.

PRICE, with Galvanized or Rustless Pan:-

8 galls., 37/9 10 galls , 44 3 Without Pans— , 31/6 ,, 36.6

ASPHALTE CAULDRON.

These Cauldrons are of the most approved manufacture, and are made entirely of Strong Wiought fron. They have been proved to be the best and most serviceable, and in general use by all the Asphalte Companies.

The Frame is fitted with either 3 or 4 Wheels as required.



Prices.

									£	Ν.	Ī.
No	1	20	Gallons.	with	16 G	auge	Frame	Pan made of 1th Plate	5	10	0
**	2	23			16	"	**	Pan isth Side, 1 Plate Bottom	7	0	C
	.5	25	11	,,	16	43		Pan made of ith Plate	6		C
	1	25	",		16	11	19	Pan Ath Side, & Plate Bottom			C
	v)	30		12	14	76	to.	Pan made of hth Pate	6		C
- 10	6	30	**	11	14	99	94	Pan Teth Side, & Plate Bottom	8		0
1,1	ř	40			14	*4	81	Pan made of 5th Plate	7		C
	`	40			14			Pan Tight Side, 1 Plate Bottom	9		C
	9	40		11	ith !	Plate	11	gight	11	0	C
		50			Ath	17		, (m , , , ,	14	0	C

ASPHALTE CALLEDON.

Made in Two Parts and Slidin . No 10



With 3th Plate Cases, 3 Plate Pan and 3th Plate Loose Bottom.

and Wrought Box.

			S	ize	ıs.			,	Pric	es.	
allons,	36	in-	diar.	×	37	in	high	£14	Θ	0	
allane.	40	in.	diar.	v	40	III.	high	£18	0	0	

.. 12 60 G

The "Forth" Portable Gas Boiler.



GAS-HEATED BOILER AND WASHING COPPER.

Specially designed to meet the requirements for a cheap, economical, and efficient Portable Gas-heated Washing Copper. The boiler is constructed of strong copper, heavily conted inside with pure in. The top, hinged lid, base, and legs are constructed of east-iron; top and lid galvanized, and the body of galvanized sheet steel. Fitted with combined steam outlet and the property of the property of

Sizes--25 ins. diameter; 31 ins. high to top of boiler; 35 ins. high to top of flue outlet; flue outlet; 34 ins. diameter,

6	Gallon, wit	h Copper Pan !	Finned Inside		£2	16	0	
8		**			2	17	6	
10					3	0	0	
12		,,	**			7		
10		Castron Pan.	Rustless			15		

10 and 12 Gallon may also be had in plain fine cast or Galvanized Iron; prices on

Only supplied with Cast-iron Pans in 10 and 12 gallon sizes.

If with Sheet Iron Cover, 8 - less. Draw-off Cock, 8 - each extra

If Base and Legs Galvanized, 3'- extra.

Approximate consumption of gas required to raise the temperature of water

				6	8	10	12	gallor	15
Fitted	with	Copper 1	Pan	. 27	34	42	18	cubic	feet.
Fitted	with	Cast Par		. 34	40	48	34		

THE IMPROVED CLOSE BOTTOMED PORTABLE BOILER

For Domestic and Restaurant Uses. For 5 inch Smoke Pipe.

Flue Top or Back.

As supplied to H.M. Reserve

Forces, for Camping out.

No Feet to get broken off.

Stands Solid all Round.

25 Impenal Gatts. (Not Old Wine Measure)

Size of Boilers or Pans.

100 22 751 x 250 100 x 142 124 x 105 100 x 160 124 x 772 22 x 106 220 x 10 241 x 220 inches

8 10 10% 18.6 3 congression of the property of the control of the c 4/6 per set

Draw-off Cooks fitted to above \$ in , 12/9 \$ in., 16- 1 in., 21/- each extra-

If with Side Flue Cleaning Doors, 2/- Extra-

THE "IMPROVED FARMER."

It gives better results than any Farm Boiler with iron casting or frame ever produced The close bottom forms a solid base and ind.cos slow-combustion

The Flues are formed upon resentific principles, and give the best results, with the least con-The Fire Chamber is lined with fire bracks, which are easily removed for rep. coment.



NO FEET TO GET

NO WASTE

HEATS DUTCKER AND RETAINS THE REAT LANCER THAN ANY OTHER BOILER

50 80 Gallons. I feight All Boilers Imperial Measure. Prices W. n. van los. r. . . 61 Wit Raules mr. d. . r. 78 -W. pieles W. ee s. . . 16 -127,6 eac. 88 6 95 -1627-

21 . 3.53 10. , Hanged 20/-22/-23. 92.10 3/6 extra I tuel. 21/- extra-

Fitted with Bress Draw-off Cock, and Flue Gleaning Doors 12/8

"THE FARM" CAST IRON PORTABLE BOILER.



Close Base not made with Legs

ı	Proces, with a sain 2	3 Ber		36 -	40	46 6	50	53 6	56 6	596	61 -	69 6	76	80	82	100 -	127 6	142	157	167 (8 182
ı	Width over body			23	23	23	28	26	26	26	28	28	28	32	32	86	36	36	403	464	401
ı	Height over an	***	***	20	28	28	29	804	915	957	33	31	Dec 2	38	39	87	89	41	41	42)	44 inches
ı	Capacity		***	- 0	35	10	12	14	16	18	20	25	80	3.5	40	30	60	70	80	90	100 Gallons

. if Galvanized, Barffed or Glava Ename ed Borer | 40/6 | 46 - 54/-60 - 62 - 69 - 73 - 76 | 88 6 95 | 102 - 106 - 128 | 162 | 182 - 205 | 220 | 245

If mounted on Wheels, 6 to 40 Gallons 16 - each evita; above 40 Gallons, 21 - each extra.

If with Brass Taps, 6 in. 11/3; 7 in. 12/9; . in. 16 -: 1 m. 21 - each extra.





WROUGHT-IRON TIP BUCKETS.

451.425	p.Ts	t ,	-	1	`
l yard.	18	15	4	8	d
	26	28	3	15	-6
}	33	34	6	12	6
1 11	38	36	9	7	е
1	41	39	12	5	. (



WROUGHT-IRON FIRE BASKETS.

Daneer	, Height to	Round Tur-		KI, I	4	
Inches.	Inches 24	ž in.	4	14	ė. O	
14	28	41	1	8	0	
16	28	**	1	12	0	
18	28	27	1	16	0	
28	28	10	2	4	0	
24	28		2	8	0	



WROUGHT-IRON PLUMBERS' FIRE POTS.







No. 1	No 2

		12 i
òö		13
7 6		

۲,	Height to top of Pot.	No. of Rings.	P
			6

ő	14	6	
0	16	0	
1	0	0	





THE IMPROVED PATENT "PERFIK" ROOF SLATE FASTENER.

What the trade has long wanted for Repairs to State Roofs.



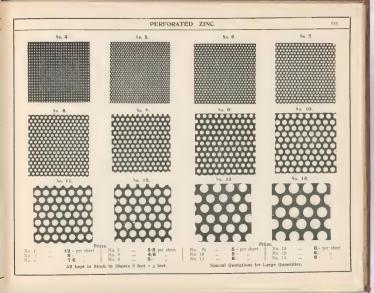
ADVANTAGES:

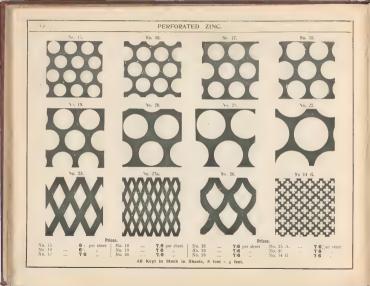
One Fastener binds Three Slates
Will not shift by wind or sl.ding snow.
Holds the bottom edge of slate down.
"carcely perceptible on a roof

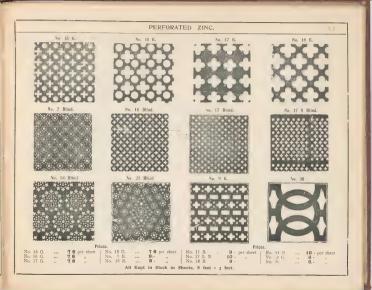
DIRECTIONS FOR FIXING PATENT FASTENER.

Remove samaged plate. Replace with new one X is the funges A Bor strap table though later Y Z, the part C standing up between the same. Pass the Strap quarries and the notch in part C retains the bottom edge of the rew State X. Discrib wedge D into the hole in Extress, and drive a unit sufficiently edged to secret the State from Apple.

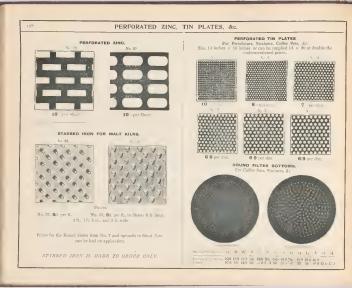
Packed in One Gross Boxes, Complete with Galvanized Wedges. Price 11.3 per Box.



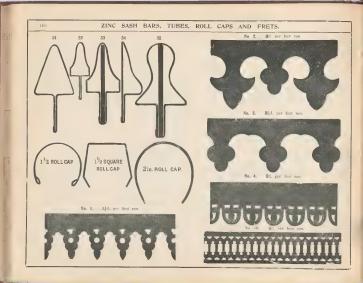




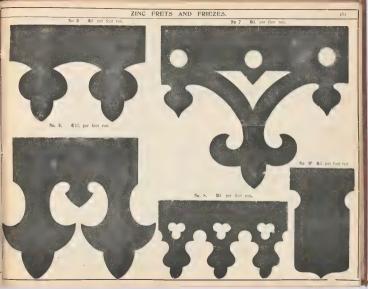
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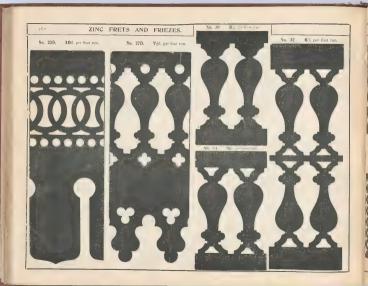
ZINC SASH BARS, TUBES AND ROLL CAPS.



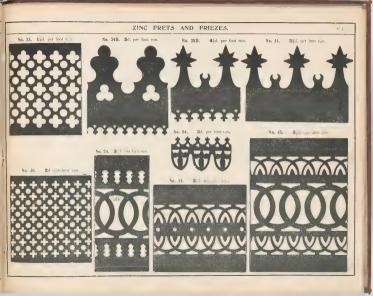
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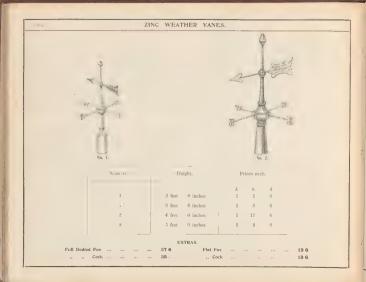


From the collections of Sydney Living Museums / Historic Houses Trust of NSW



From the collections of Sydney Living Museums / Historic Houses Trust of NSW





From the collections of Sydney Living Museums / Historic Houses Trust of NSW



HUNTSMAN.

In Scarlet. 30 inches long. Price, £2 10 0 W. FAGER.

36 inches long from head to tail.

Price, £2 15 0

Price, ask 10 0

No.

19 inches long from head to tail.

Price, &2 10 0

SPECIALLY PAINTED IN OIL COLOURS, WITH GILT LETTERS.



36 inches long from head to tail.

Price. £2 15 0

Price, £2 15 0 Price, £2
Sheep, Greyhound, Bull Dog and several other designs not illustrated.

POINTER

32 inches long from head to tail.

Price, £2 15 0

M s

29 inches long from head to tail.

Price, £3 3 0

PICKERING'S QUICK CHAIN HOISTS.

Specially Designed for Grocers, Bakers. Millers, Brewers, Maltsters, Wine and Spirit Merchants, Corn, Flour and Provision Merchants, and Retail Traders, and for Stores and Warehouses of all kinds.

Pickering's Patent Hoists as illustrated by the annexed engravings, are the Original Chain Hoists as first introduced

Since their introduction unwards of 40,000 have been made and sold

It will be seen that the Hoists are of the simplest construction, baving two wheels of different dismeter connected together, the smaller one carrying the lift-chain, and the larger one the endless hand chain, by this arrangement great power is obtained.

The difference in size of the wheels is in all cases as great as can be had compatible with quick

The quantity of work done in a given time by these hoists, as compared with the old method, is tearly doubled; because the empty chain descends simultaneously with the raising of the load, The size is greatest demand is No. 2, to lift 5 cwt. We recommend this size in preference to the

To facilitate repairs, the wheels are made separately, so that the Lift Wheel can be replaced at a moderate cost. See prices below. The underneath table of prices for complete Hoists, with Chains, contains the most usual lengths

In ordering endless hand chains, shorter than the lift chains, for working from overhead floors, please

1 0 0 5 0

SACK HOIST.

As a guide in judging the power and speed of these hoists the No. 2 size requires a pull of 40 lbs, to

SACK HOIST With Ordinary Brake. Class A

	90					Lift Wheel for repears						
	5		a			1	d					
41			è	.1	1	4	0					
		111			4)		6					
	1						+;					



PICKERING'S PATENT PULLEY BLOCKS.

Used by Enginers, Millwatorns, Builders, Contractors, Colliest Owners, Home and Foreign Government Railwar Contraties, Oak Water and Mission Contrasts, on Roard Strait Shite, &c., &c. THE CHIEF ADVANTAGES OF THESE BLOOKS ARE

Freedom from looking through the chains wedging when in use.

Independent hauling and lift chams. The hand chains are strong but not clumsy to handle.

The first six sizes have two hooks, one on each end of the lift char.

The county hook descends as the loaded hook ascends.

Time is saved by nearly one half as the empty book has not to be lowered.

The durability is doubled, the wear being distributed on both sides of the working parts.
They sustain the load automatically and never slip.

They are easy to work, and not likely to get out of order. They can be worked on the ground or at my angle

They can be worked on the ground or at any angle.

The amount of load that can be safely lifted is stamped on every book,

Please note the Frames are forged from Best Quality Iron

The working mechanism of those Bloths is exceedingly simple, the only parts are the four wheels here illustrated and the necessary is, hooks, and dish frames. They are placed in position and worked as follows:—On the unbless cleaks whus it as an orientruo on making and tooth more than the first which is an orientruo on making one tooth more than the first wheely, consequently who is making our tooth more than the first wheely, consequently who is

THE FIXED WHEEL IS MADE OF MALLEABLE CAST IRON This engraving illustrates the interior of Pickering's Pollsy Blocks.

WHEEL.





This illustrates Blocks

In Ordering repair parts give the name as above and number stamped on Frame

This illustrates Blooks

mp to a vone.							from 3 to 10 Tons,
Lifting Power,	Trice of Blocks	Price of Chain		PRICES OF	BLOCKS AND	CHAINS, COMPLETE FOR	
Litting Floren	THE TO BUTCH	per feet hij .	8 f Lah	10 % L ft	12 0 176	15 ft Lat. 18 ft Lat	20 0 Left
5 Cwt.	1 0 0	s. d. 1 9	1 14 0	1 17 6	2 s. d.	, £ 5, d. £ 5, d. 2 6 3 2 11 6	2 15 0
10 11	1 5 0	2 0	2 1 0	2 6 0	2 9 0	2 15 0 3 1 0	8 5 0
15 ,,	1 10 0	2 6	2 10 0	2 15 0	8 0 0	3 7 6 8 15 0	4 0 0
20 ,,	2 0 0	3 0	3 4 0	3 10 0	3 16 0	4 5 0 4 14 0	. 5 0 0
80 ,,	2 10 0	8 4	3 16 8	4 3 4	1 10 0	5 0 0 5 10 0	5 16 8
40 ,,	3 0 0	8 4	4 6 8	4 18 4	6 0 0	5 10 0 6 0 0	6 6 8
8 Tons.	4 5 0	4 6	6 1 0	6 10 0	6 19 0	7 12 - 6 8 6 0	8 15 0
4	5 10 0	4 6	7 6 0	7 15 0	8 4 0	8 17 6 9 11 0	10 0 0
5 ,,	7 0 0	5 0	9 0 0	9 10 0	10 0 0	10 15 0 11 10 0	12 0 0
6 ,,	8 0 0	5 0	10 0 0	10 10 0	11 0 0	11 15 0 12 10 0	18 0 0
8 "	10 0 0	6 0	12 8 0	18 0 0	18 12 0	14 10 0 15 8 0	16 0 0
10	15 0 0	9 0	18 12 0	19 10 0	20 8 0	21 15 0 23 2 0	24 0 0
12	17 0 0	12 0	22 6 0	28 10 0	24 14 0	26 10 0 28 6 0	29 10 0

Loads given above are Test Loads.

To lift a given weight the next size larger should be used.

WESTON'S DIFFERENTIAL PULLEY BLOCKS.

Blocks of four tons and apwards can be had with Spocket Wheels and Engless Hand Rooes, when preferred to Chain Wheels and Hand Chains, In the manufacture of these Pulley Blocks special attention has been given to making the Wheels with Large Nibs, in order to produce greater wearing surface for the Chains.

Deduced Dates Line

Allow 4 feet of Chain for each foot of Lift.



	Price of Bl	looks!						PRICHS.	os Bu	OCKS AND CHAI	NS COMPLETE, V	rithout Guider
To hft	withou Guider		Price o	f Blocks Guides	Chain per foot.		hain oot Lift.	With 36 Chai) feet m.	With 40 feet Chain.	With 80 feet Chain.	With 60 fee Char.
	£ 5.	d.	£.	5. d.		5	d	£. 8	d	£ 4 1	£. s. d.	£ s d.
à cut.	0 6	0	0 .	8 0	ād.	1	8	0.18	6	1 2 8	1 0 10	1 11 0
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à	0 11	6	0.1	4 6	6d.	2	0	1 6	6	1 11 6	1 16 6	2 1 6
)	0.13	G	0.1	7 6	7d.	2	1	1 11	D	1 16 10	2 2 8	2 8 6
3	1 ++	0	1	5 0	8d.	2	8	9 0	13	2 6 8	2 13 4	3 0 0
3	1 7	Ġ.	1.1	2 0	tid.	3	0	2 10	- 0	2 17 6	3 5 0	3 19 6
0	1 16	0	2	5 0	10d.	8	4	3 1	- 0	3 9 4	3 17 8	4 6 0
0	2 12	ō.	3	5 0	11d.	3	8	3 12	6	1 5 8	4 17 10	5 7 0

WESTON'S PATENT GEARED DIFFERENTIAL PULLEY BLOCKS, With Chain Guides.

than 30 feet of Chain.



Loads given above are Test Loads. To lift a given weight the next size larger should be used.



AUSTIN'S CELEBRATED BLIND LINES.

	AUSTIN'S CELEBRATED SASH LINES.																			
		ers , , et est.															lte " (inted wire (Sash	Line	
	Per	ETTON	Pre	3 C 8 C	-		1 Dec	gp=1,	Per	geron.	Tur	£2300			,		Per	pros.	Break mg 86cmin.	
No	s.	d.	S.	d.	5	. d.	*	d	5,	ó.		d.	ς	d.			5,	d.	cwts.	
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3	11	3	2	8	6	6	6	10	9	2	14	5	1.	0		.;	22	U	1	
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ä	15	11	1	2	,0	0	10	к	14	5	19	8	1.			5	36		6	
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														0					8	
7	21	11	3		1.1	0	15	0	10	2	26	ò	45	0			.38	l)		
5	24	8		7	16	0	17	2	21	9	54	- 1	25	2		8	61	0	.0	
2	27	1	7	5	.18	- 1	1+	4	24	ŧ	3.7	2	28	4		è	67	J	1.0	,
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11	38	ď	l _o	1	20	()	21	7	2.	:	35	10	31	8	1	1	MS	0	12	ì
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		r gross.		gross.	Per	gros		No		5.	gross.	Stram.		
lbs 2	1	d.	5. 3	d. 2	3	7d.		1		6	1	G1 lbs.		
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	nthor Qu All Colo				own last.	W.B.	nte. Greer nd rson		Blue, and low.		Wh W B G	Bul and		
	Weight.	Per gu s		Per	gross.	Per.	gross.	[Per 1	gross.		Per gr	oss. Per groon.		
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COCOA MATS. (Prices per dozen),

	ORDINARY STOCK SIZES.															S	
	QUALITIES.	Inches by 10	thes	1 24×14	2 27×16	3 30 × 18	4 38×20	5 36 × 22	6 39×25	7 52×26	8 45×28	9 48×30	1× 97×13	2× 30×12	3× 32×12	4× 34×14	Out Sum per Sq. F
Skeleton or Sinnet	B., 11 in. thick			10 10 12 1	54.1 1 12.9	10 11 12 n	79 64 6		ii.	1.32	2007 1111 120	1,0					1 i.
Colr Yarn, Diamond Backs	Special Medium, about Medium (best), " Double M (special), a Extra Double, about 1 Yara Imparalise oal	bout 15 %, t	ick :::	28,8			46 54,6 11 85	55;- 66 6 50 174 102 8	65/- 77 3 75 12	76	108 6	100,- 118 6 11. 41'	31 32 x		7 .*3	.1 o	1
Printed Designs.	Medium Double A		'	43/9	40,- 56,6 5,	69.3	86,6	102 6	50 , 122 127 6	ļ · .							
Imperial Backs	(Best Fibre, Plain					ind Inh	, sh 185 =	.90 22 -	72 200	263 810 -	102 171	31 s - 319					311
Plain or Scalloped Wool Borders, any Colour.	Special B. C. (Brown C) 2nd Quality (''', Special L. C. (Light C) 1st Quality ('''	entre, Med. 1	Pile) Pile)	32 3 39 3. 16 d	41 51 - 61 59 S	11 2 6* - 72 0	63 77 3 77 3 77 3	139 1	121	101 = 127 + 127 6 142 =	147.6	197 - 108 168 197	28 6 39 = 39 47	31 " 13 18 31		13 - 5-i 5-i 69 8	1 10 1 10 1 10 9 3
Wool Borders, Fancy Designs.	2nd Quality (Brown C 1st Quality (Light Cen	entre, High P	Sile)	43 1 · 8	55 ° 62	7 1	81 97	100 = 1150	115 6 (dd =	1de d 153	157 Jso .	182 - 240 -		40:3 5a -		66 d 76 d	22

Galvanized Metallic Door Mats.



This useful invention, as will be seen, resembles in appearance the Orlinery Tubolar India-rubber Mat. It, however, poneses the advantages of greater solding, durability, and strength, and is not liable to warp or lose its original shape, as is so frequently the case with India-nabber Mats. For placing on the threshold of Churches, Chapels, Hotels, Shops, Schools, Country Houses, Public and other Buildings, it is invaluable. The distremoved from the boot falls into the ceilular spaces, and on lifting the Max it can be readiled weapt away.

PRICES

No. 1 .- Very Strong. Made of & in. Hoop. & in. deep.

21	×	14	inches		•••	 £0	12	0 e	ach.	42	×	ıĸ i	nches			£1	6	6	h
27	×	16	31			0	16	0		42	×	24	19			1	13	6	
30	×	16				 0	18	6	Į+	48	×	20				 1	11	6 .	
26	·	201				- 4		0											

Other Sizes Made to Order

No. 2 .- Similar Make to No. 1, but Lighter-

				5	d.				~	d.
15½ × 10½ inches	***		 	2	3 each	28 × 14½ mches			5	3 each
400 -11				_	_					

No other Sizes can be made in the Light Pattern.

GALVANIZED WIRE MATS.

THE PATENT "SPIRALIUM."



To "Spiralium" Mat mad a Coassa zo, Ware, a a set pr a consequence

All Mats are revers blooms trent; Gastaniaed after made, or made of Galvanized Steel Wires cool of trust. Loopensatic for Gadens, Halls, Public Buildings,

Prices and sizes are as below, though any size can be made when specially ordered,

Spiralium and Convolvalus. (Flat or Round Wire).

Sizes 411 24×16 28×14 28×16 53 56 63 73

GALVANIZED STRAIGHT MAT.

No. 4.	10	×	15	inches	038	10	0	each.	
		×	18	11	0	11	0	51	
	315						0	**	
Carl Section 10 Text and 10 Te	- 15		21		0	14	6		
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COLUMN TO SECURE AND ADDRESS OF THE PARTY AND	+2				0	18	6		
Control of the last of the las	15	1	24	21	1	2	0	+7	



				S.	d.	
15	×	12	inches	 4	0	each.
21		14		5	3	
30	×	. 1		7	3	
33		1×		9	6	77
86	×	18	19	12	0	

18.6 each



For Cleanliness and Durability,

The "Convolvalus" Mats consist of machine-made Sparals, convoluted 1 Original "Convolvatus With gaitar reicham le ron trame, vers strong

12/-

 42×24 14 - CHEAP WOVEN WIRE MAT.

CHEAP WOVEN WIRE MAT.

Made of Galvanized Steel Wire, with Frame Japanned Black. Made of Galvanized Steel Wire, on Galvanized Iron Frame.

No 10.

No. 55.





No. 10 .- Chean Woven Wire Mat.

Sizes ... 20×12 24×14 28×16 30×18 33×18 36×21 inches. | Sizes ... 24×14 28×16 30×18 33×18 36×21 39×21 42×24 inches. Prices ... 12,- 15/ 18- 21- 24- 30-per doz. Prices ... 2/8 3/- 3/6 4/- 5/- 6/- 7 - each.

No. 55 .- Cheap Woven Wire Mat.

Carnage Paid on 2 dozen lots.

Carriage Paid on 1 dozen lots.

PATENT WIRE MAT.

Made of Best Hard Drawn Steel Wire, Galvanized, on Strong

Galvanized Iron Frame.

No. 50.



Made of Best Steel Wire, Galvanized

Any Name can be Inserted.

No. 40.



Depth, 2 inch.

No. 50. - Woven Wire Mat.

No. 40. -Patent Lettered Wire Mat

Sirse ... 94×14 28×16 30×18 30×18 30×18 30×21 20×21 40×34 in. Sises ... 24×14 28×16 50×18 30×18 30×21 20×11 42×44 49×30 in.
Prices ... 36 3,9 4,3 5,- 6,9 5/- 39944h. Prices ... 39 46 5 8 7/6 9- 106 16 9440

Carriage Paid on 1 dozen lots.

Any Name inserted in large or small letters. Will never wear out.

Lettering .- 9d. per f.etter extra.

THE "STANDARD" DUPLEX WIRE MAT-

No. 70



Depth. 1 inch.

Will not rost, and a valreakable and undamageable under all circum

It is made with an ingenious **Dupiex** woven wire meah of specially hard draws steel wire, galvanized, surrounded by a strong handsome frame, and is as **flexible** and pleasant to the foot as a rubber mat, and twice as durable. It is self-cleaning and reversible, and never becomes wet or dusty. The slightest may hall prevent all rund, dirt, or snow from the feet.

It is invaluable in every house and office, and is specially suitable for shock, hotels, and all public buildings where a downright serviceable, goodlooking mat is required.

No. 70.—Patent Duplex Wire Mat.

Sizes ... 24×14 28×16 30×18 36×21 42×24 40×30 inches.

Proces ... 6- 7- 83 11:6 156 179 each.

Carriage Paid on 1 dozen lots

THE "PORTICO" DUPLEX WIRE MAT.

No. 75.



Depth, & inch

Made with Extra Strong Rigid Steel Frame and Hard Steel

Wire for Hardest Wear,

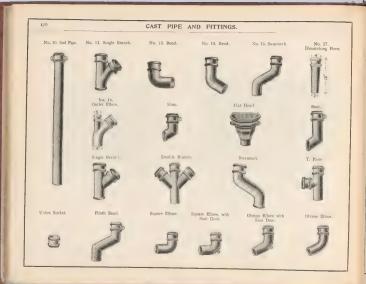
Sizes ... 24×14 28×16 80×18 83×18 36×21 39×21 42×24 48×30 ins.
Prices ... 6- 7- 8/3 96 116 13.6 159 186 each.

Other Sizes, 2 6 per square foot. Irregular Shapes, 3 9 per square foot.

Any Shape Made.

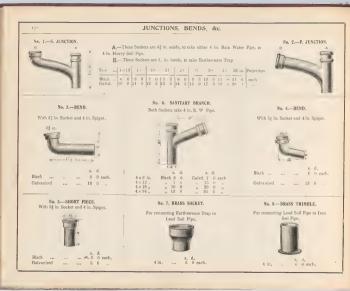
Lettering .- 9d. per Letter extra.

Carriage Paid on 1 dozen lots,



BLACK AND GALVANIZED CAST PIPE AND FITTINGS.

	2 in	s. di	S	25	ns di	ia.	3 inn	dis.	3) is	05,	dia-	4	las.	dia.	45	ins.	dia.	5	ins	dia.	Ц	6 5	no.	dm.	1	21
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	Black.						Black.																-			
	s d.	s.	d.	s. d			s. d.														3.	s c	1.	s d		
Rain Water Pipe, 6 ft	1 8	8	4	1 5	8	6	1 11	8 10	2 1		4 10	2	7	5 2	8 8	3	7 4	4	2	8	4			10 2	per yd	
, short lengths	2 0	4	0	2 1	4	2	2 3	4 6	2 9	1	5 6	2 1	1	5 10	4 5	2	8 4	4	6	9	0	5	7	11 2	"	
Heads, Flat or Angle .	1 8	2	6	1 .	2	10	1 8	3 1	2 0		4 0	2	3	4 6	3 :	2	6-4	1	0	8	0	5	0	10 0	each.	
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Boots 15 in. long	1 1	2	2	1 :	3 2	ů	1 7	8 2	1 10		3 8	2	0	4 0	3 .		6 0	3	6	7	0	1	9	9 6		
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,, ,, Double																								11 0		
Tee Pieces	1 :		2 6				2 0		6									10								
Union Socket	0 1	9	1 0	0	7 1	2	0 9	1 6	0 1:	1	1 10	1	1	2 2	1	4	2 ×	1	8	13	3	2	1)	1 4	" "	



HEAVY SOIL PIPES AND FITTINGS, L.C.C. WEIGHT.

		2 10	dis.		1	21	in. di	n.		1	3 in	s. dia.		1	3½ ic	ı. dıs.		1	4	ın. dir.		
	Ва		Go.	lvd.	1	Black.		Galvd		Вз	ack.	0	alvá.	Y	Hack	G	.lvd.	1	Slack,	G	alvd.	
o, 10, 6ft, lengths	 s. 1	d 9	8.	d. ß	1	, d.		s. c	2.	s. 2	d. 7	s. 5	d. 2	S. 2	d. 10	s, ŏ	d. 8	1 2	d.		d. 10	
3 and 4 ft,	 2	1	4	2		8 5		6 11	1	2	11	· 5	10	8	2	В	4	ñ 3			11	
, 11Single Branch	2	1)	1	()					, '	2	Iw	12	٨		ı.	1	15		0	×		var h
, 12. Double ,,	- 4		11	ı		, 1,			1		0	,	,		K				16	11	0	
. 13, -Square Bend	1		3	2		l N		d	ı	- 1	11	-	10	2	4	- 1	N	9		ů	ti	
. 14. Obtuse ,	- 1		J	2		h		3	1	-1	11	-3	10	2	1		*	9		5	6	
, 15, -Swanneck 8 in, pro.	t	h	.1			10			4	2	3	1		2	5		,	3	2	+1	1	
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, 1) t2 in		2		t		1 14			1	1	1	A	G	5	2	10	1	7	-	11	1	
. 16.—Loose Socket,		11	1	-11		1 1		, ;	2	1	2	2	1	1		2	111	1	>		1	
	-																					

No. 20 .- Large Socket R.W. Prpes-

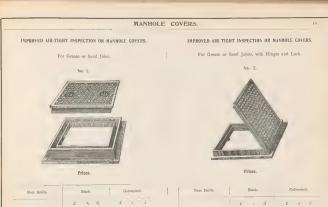
Black

	1 in	ches		84 in	ches.		4 in	hes.	
									per yard.
							24	st	

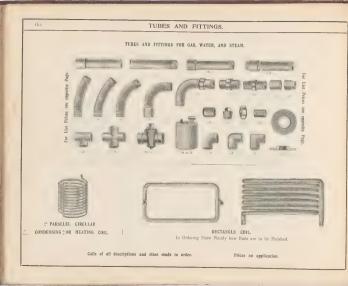
Soil Pipes, 3 and 4 ft. lengths, 4d. per vard extra.

Coated with Dr. Angus Smith's Solution, IO per cent. extra.

		CAS	ST GUTTE	RS.			
	BL	ACK CAST HALF-	ROUND GUTTE	RS AND FITTIN	igs.		
SIZES.	3 ns	a ₁ ans	4 ms	14 10%	5 ms.	6.5%	
Gutters 6 ft. Lengths	ё. d. 1 О	. s. d	s d	s. d. 1 3	s d.	s. d. 1 11	per yan
Short Lengths	1 2	1 21	1 3	1 5	1 8	2 2	per yan
Angles	 0 9	0 10	0 11	1 1	1 2	1 8	each.
Nozzles	 0 9	0 10	0 11	1 1	1 2	1 8	1 ,,
Tee Pieces	0 9	0 10	0 11	1 1	1 2	1 8	
End Pieces	0 6	0 7	0 8	0 9	0 10	1 2	
Union Clips	0 4	0 4	0 4	0 4	0 6	0 8	
Stopends and Drops	0 2	0 2	0 2	0 8	0 4	0 5	43
Brackets	0 2	0 2	0 2	0 3	0 4	0 6	
SLZES	Jane	BLACK CAST 0.	G. GUTTERS		IDS	6 ms.	
SIALS	0.105	of me	1 11%	1, 10	in.	6 ins.	
	. 1	s. d	s. d	s. d	4 d. 1	s. d.	
Gutters, 6 ft, lengths	 1 4	1 4 ₁	1 5	1 6	1 10	s. d. 2 4	per var
Short Lengths	1 6	1 6;	1 7	1 8	2 1	2 7	
Angles	1 0	1 0	1 1	1 3	1 5	1 9	each
	1 0	1 0	1 1	1 3	1 5	1 9	
Nozzles	0 9	0 9	0 10	0 11	1 0	1 4	**
End Pieces	0 6	0 6	0 6	0 8	0 8	0 10	
End Pieces Union Clips							
End Pieces	0 21	0 III.	0 21	0 3	0 4	0 5	



Sizes Inside-	Black. Galvanized.	Sizes Inside.	Black.	Galvanized
	£ × d. £ × d		£ d	£ s d
12 × 12 m. 15 × 15	0 7 6 0 15 0	18 × 18 in	1 5 0	2 8 0
15 x 12 ., 18 x 18	0 11 0 1 2 1 0 12 0 1 4 0	24 × 18 .	1 12 0	2 17
21 × 18 24 × 24	0 13 0 1 6 0	24 × 24	1 17 6	8 7 6
30 × 18 30 × 24	1 3 0 2 6 U 1 7 0 2 14 0	30 × 24 ,	2 (0	4 0 0
36 × 34 36 × 30	2 0 0 4 0 0 2 1 6 4 15 0	30 . 24 ,	2 12 0	4 11 0



	FITTINGS.

PRICES OF TUBES AND FITTINGS FOR GAS, WATER AND STEAM

Nominal Internal Diam. in Inches.	1811 . 1		11 11 11	9 21	21 , 20 3	alt I	15 0	da e
No. Tubes. 1. Tubes, 2 ft. long and over per ft. 2. P.ev. ev., 12 to 250 in. long each 3. Do. 1 t 11 t 1 one. 4. Long Serews, 12 to 253 i. 5. Do. do. 5 to 313 i. 7. Barral Nipples 6 Breat. 7. e. and v. Springs, not socketed	- 3½ · 4 · 1 - 3 · 10 · 11 - 5½ · 6 · 8 - 30 · 11 · 2 - 5 · 5 · 6 - 7 · 8 · 10 - 5 · 7	- 68 - 9 1 / 1 10 12 10 12 1 - 2 - 11 13 - 7 - 9 1 - 1 0 1 - 9 1 1 8 1	1 · 1 1 1 8 2 6 3 4 1 8 1 6 2 · 2 7 2 8 3 7 4 8 1 8 2 3 3 - 1 1 · 1 1 1 5 2 6 3 · 1 · 1 1 2 3 5 5 1	19 0 0 3 - 13 53 76 33 48 19 2/6 5 - 6 6		13 G 15/6	21 - 21 - 15 6 18 - 23 - 26 0 17 - 20 - 10 - 19 6 80 - 105 -	
Fittings. 10, 11, Socker or Pile Union each 12, Elisova, square 13, Do. round 14, Tere 15, Do. diministed 17, Do. diministed 18, Elanges 19, Capr 21, Exchart 22, Nipples 23, Main Goods 24, Main Goods 25, Main Goods 26, Main Goods 27, Main Goods 28, Main Goods 29, Main Goods 20, Main Goods 20, Main Goods	2. 26 3. -81	5 - 3 6 1 - 1 1 1 3 1 6 1 2 1 3 2 4 3 - - 6 - 7 1 2 1 1 - 6 8 - 5 - 6 - 7 1 2 1 5 - 6 - 7 - 6 8 - 5 - 6 8 - 5 - 6 8 - 5 - 6 8 - 6 - 7 - 6 8 - 7 - 7 - 8 - 7 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8	6 9 8 - 9 - 116 2 3 3 - 21 2 7 3 C 2 - 26 3 2 4 - 410 C - 65 8 4 - 11 1 2 1 0 2 / 2 3 1 - 13 3 1 - 13 3 1 - 13 3 1 - 13 3 1 - 13 3 1 - 13 3 1 - 13 3 1 - 13 8 - 10 1 - 13 6 - 8 - 11 8 6 10 - 116 8 6 11 - 14 .	3 10 6 8 4 C 6 7 8 14 - 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26 Do. with Brass Plugs , 27 Round Way Cocks , 58 Do. with Brass Plugs , 28 Do. with Brass Plugs , 20 Cock Spanners, wrought , 30, Do. Malleable Cast , 31 Syphon Boxes, 1 quart , 32 Do. 2 quarts , 33 Do. 3 quarts , 35 Do. 3 quarts , 36 Do. 3 quarts , 37 Do. 3 Quar		56 7 c 10 16 6 22 6 3 2 2 2 8 18 2 c 23 4 2 2 3 7 c 27 4 2	30 - 39 - 52 6 3 2 3 1 4 2 4 3 - 3 6 24 - 24 6 25 2 25 - 26 6 29 2 33 - 3 6 34 2	22 · 3 · 6 · 114 · 1 4 3 · 4 3 4 · 4 9 26 3 · 28 6 30 3 · 32 (00 - 112 - 123 01 - 65	120 - 180 - 300 480 - 12 - 11 - 12 - 14	36(1 - 450 - 1 16 - 19 - 16 - 19 -	22 · 24 ·

NOTES.

Tubes, Screwed and Socketed, supplied in random or exect lengths from 9 to 12 feet, and all exact lengths over 12 feet are charged 28 per cent. less gives descending. Tubes not Screwed or Socketed, applied in random lengths of any lengths are charged it the current discount, with an extra allowance of 24 person. Of the next. Tubes not Screwed or Socketed, and to exact lengths of any length, are charged as

Tubes not Screwed or Socketsed, on to exact region of the terms the same discounts as using screwer, and screwed in rate for lengths. Tubes Screwed and sen without sockets, are charged at the current discount, with Tubes Screwed and sen without sockets, are charged at the current discount, with

as extra allowance of \$1\frac{1}{2}\$ per cent, off the next
Tubes and Fittings, coated inside and outside with Dr. Anges Smith's solution, are
thought 12 per cent. less gross discount.

Tubes and Fittings painted red will be charged at Steam Discounts.

Tubes and Fittings painted bine will be charged at Water Discounts.

All Short Leogths, 4 isobes to 2 feet whether random or exact, to be considered pirots, and sold at gress prices of pirots, less same discounts as Tubes of random lengths.

Bprings, if Socketed, will be charged extra for the sockets at list prices.

Orders not amounting to £2 next value will be sent carriage ferward.

Screwed American Threads when required, at same rates.

Issued 1st September, 1907, cancelling all other Lists.

No. 36a Lion Brand "Radium" Adjustable Stocks and Dies.



These Stocks and Devace of Britis: Matematicine, about a mane account working nor equal to a gloss quality as most externing Tackle of other patterns. They are a gloss are paths habbe, the hand es of the Stocks and Tay Wrent test except a series and be, and when taken to pieces will conveniently as the average will all more.

The P state of fritigrame wilds of Steel, and mac the made trought the method of adjustment will be understood.

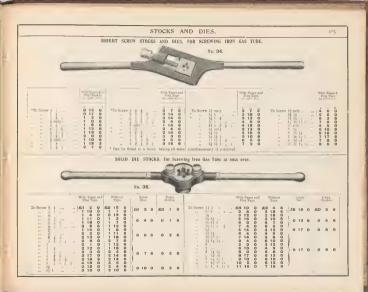
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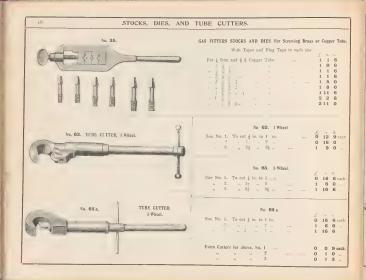
The Taps are of the best Steel, and are accurate to Whitworth Standard Gauges. They are supplied with four flutes.

The Stocks as il lines were set once over, and give perfect threads at one cut with a man mann of labour. By very the face side of the line, threads can be

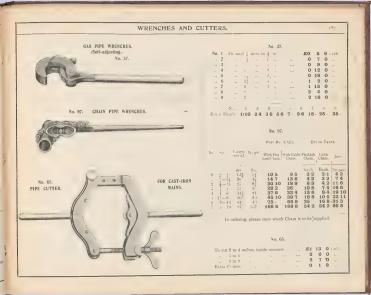
ent up to a mount		Andrew Deter	a pac up in it ac				
Ha nu	1965		Price, sets Tager Tages.	Price, with Tuper Tupe and Adjustable Tup Wreach,	Price, with Taper and Fing Tupe and Adjustable Tay Wavech	Length of Block.	all address to
1 22 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2 4 6 3 0 0 2 17 0 0 3 12 4 6 0 4 15 0 6 8 0 0 7 0 0 0 0 8 7 0 6 10 0 0 14 14 0 0	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3 2 6 3 15 0 4 12 0 4 15 0 5 16 6 6 9 0 7 13 0 8 15 0 10 10 0 11 10 0 11 10 0 11 10 0 11 15 0 16 15 0 16 15 0 16 15 0 16 15 0	35 35 37 & 99 38	2, 2, 2, 2, 2, 2, 3, 4, 2, 5, 3, 4, 2, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,

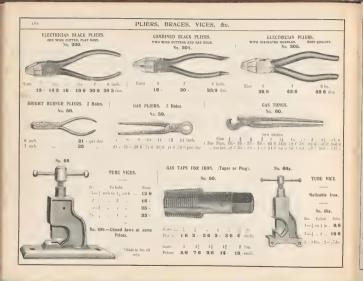
With No. 1 Range in Lea of the Tap Wrench a Brace Holder for Des. 5 supplied With No. 9 Range, Brace Holder and adjustable Tap Wrench are provided





From the collections of Sydney Living Museums / Historic Houses Trust of NSW





From the collections of Sydney Living Museums / Historic Houses Trust of NSW



FOUR-LEG BURNER TAP. No. 55a.

With § .n. Die, Reamer, Turnscrew, § in. Brass Tap, § in. Brass

BURNER TAPS. No. 55b. No. 3.



Price . 58 56 5/9 Size . 13 Price ... 8/6 10/-133 15 -

1 3 in. Taper Brass Tap, and 70 - per dozen

7 6 each.

WROUGHT STEEL DOUBLE-ENDED SPANNERS. No. 89a



TO FIT WHITWORTH'S STANDARD NETS.

Approx'ate Length 54 66) 74 s. o 1 d 114 13 16 18 20 227 24 25 27 27 32 ms Price, Unfinished 4.3 8 · 8 9 11 3 17 3 21 3 27 3 37 - 56 9 68 - 83 106 · 122 9 136 - 189 - doz Price. Machined) 79 83 103 11 - 119 143 196 24 - 30 393 576 693 853 1103 1313 1543 211 - ... to size & Hard- 69 size, Hardened 9 · 10 - 103 116 136 143 169 223 266 349 459 649 766 929 119 · 1439 1646 2256 ...

GALVANIZED LIGHTD MANURE & RARGE PUMPS.

These Pumps have a long stroke, and deliver a large supply with little

They can be made any required length below Shout.



				121.5	zec.	KIVE	
				<	d		d.
For 3	in. Pumi)	ner for 1	-3	0	2	
3	h 11			3	6	8	3.
				4	0	3	B
. 4				1	6	1	0



PORTABLE AWROUGHT IRON PUMPS FOR CONTRACTORS AND BUILDERS.

			Braiz	ed.	Riv	ett	eć
			£ 8.	d.	£	8.	ć
3 in	Pump, 7 ft. un	der Spout, with 8	ft.				
	Sliding Telesco	oc	3 11	11	3	16	
			, 2				
1			4 12	2	3 1		
1				0	4		ı,
1.			5 1a		4.1		

GALVANIZED MANURE PLMP ON TRIPOD STAND.



The working barrel of this pump is made of Galvanized Wrought Iron. Both Valves are made to allow thick fluids to pass through, without shoking. It is fitted with a brase Union to attach India Rabber Suction

			Pri	ces.					
						ized. s. d.	Ri	retti	
3 in	Complete	with Legs			2 1	0.0		2	
115						2 11		*	
1						7 1		100	
12					12	(f)		13	

Prices of Suction Hose with Spiral Wire Inside

For a in. 2s. (For I to. 3s. (Od. per foot.	For .	81 m 2s. 41 in. 3s.	Sd. ner	foot.
		DOL .	40 m, 02.	au. per	TOOL
	Including Wiring to Union	and	Strainer.		

"PARAGON" COLONIAL LIFT PUMPS.



The Tail-piece is fitted with a non-corrosive

the Handle to the extent of its stroke the Barrel



Approx. Capacity in gaus, per stroke 1 2 2

No. 1. Is arranged to be fixed by Flunger, Base. No. 2 .- Is arranged to be fixed by Lugs to Wall or Plank.



No. 3 .- Is arranged to be fixed by Bracketed Base to Wall or Plank.



" PARAGON" COTTAGE SUCTION PUMPS.

replaced.



Price List.

Dimeter of Bore of Working Bi Diameter of Bore of Saction Pi		2 1	23	2½ 1‡	2: 11	3 1}	3) 1)	3½ 1½	4 ins. 2 ms.
No. I. As Engraving & Descrip	ption	9	10-3	11.6	120	11 -	16 (20 -	2, 6
No. 2. As Engraving & Descrip	nt on	9	10.3	11 6	12 5	11.	16 6	20 -	25 6
No. 3As Description		9/-	10/3	11/6	12,6	14/-	16/6	20/-	25/6
Brass Bucket and Vaive, extra		3/8	8 9	4/8	4/9	58	5/9	6/8	8 6
Copper or Brass Lining, extra		8,8,	8/8	3/9	4/8	5,8	5/9	6/3	7,3
Arranged for Hot Liquor, extra		4/8	4,9	5/3	5/9	6 6	7;-	7/3	9-6

No. 16. - Has broad bolt-fastened Base. No. 18 .- Has Lugs for fixing to Wall or Plank.

water.

Price List.

Danie et of Bare of Working Burel Danie, it of Bore of Society Physic	 2 ms 1 t	2½ ins. 1; ins	3 n-
No. 16.—Iron	1.4.3	10 -	19
No. 18.—Iron	.33	15.	19









"PARAGON" VORK OR CISTERN LIFT PUMPS.

Fitted with Copper Linings.

The Tail-pieces are fitted with Iron Caps and Brass Union Tails which

By raising the Handle to the extent of its stroke, the Barrel is emptied

No. 70. - Is arranged with Base for bolting down

No. 71 .- With Lugs for fixing to Wall or Plank. No. 72. -Is arranged with Beer Machine Handle, and Bracketed Tail to bult to Wall, allowing the Barrel to be removed without disconnecting

the Piping.				
Price List.				
Diameter of Bore of Suction Pipe Diameter of Bore of Suction Pipe	 2) 1)	3 14	3± 2	6 ms. 2 ins.
No. 70.—As Engraving and Description	25	30	35 -	12
No. 71As Engraving and Description	25/-	80/-	35/-	13
No. 72As Engraving and Description	 27/-	:29 -		

"PARAGON" STRONG PATTERN VARD SECTION PUMP.

Each Pump is fitted with our "Paragon" Bucket and non-corrosive

It is usually supplied 36 ins. under Spout, but when desired, can be supplied of increased height at extra charge as per List

Price List.

Diameter of Bore of Working Barrel Diameter of Bore of Siction Pipe Approximate Capacity per Hour, Gallean		25 12 220	3 1† 320	3; 2 435	4 10.0 2 110 570
No. 100		44	148 -	54 -	64 -
100 100		33.0	140, *	24, -	02 -
Exceeding 8 ft. under Spout, per foot		8/4	8/8	4/-	4/4
Fitted with Brass Lining		7/4	8JR	10%	12/8



"PARAGON" PITCHER SPOUT LIFT PLMPS.

These Pumps are specially adapted for raising dirty fluids; all parts rong easily accessible for the removal of obstractions. They are travelore suitable for Tube Well and Farm Purgoses. With a meth in life they will raise more water in a given time, with a given power applied, than any other nums of their class.

No. 50 is fitted with our '-Paragon' Bucket The Tail-piece has a

Iron, unless ordered otherwise.

No. 51 is similar in all respects to No. 1, but has a covered top.

By raising the Handle to the extent of its stroke, the Barrel is emptied of water.

All Payes are made to gauge and can be replaced

Price List.

Diameter of Bore of Working Barrel Diameter of Bore of Soction Prpe					4½ ins 2 ins.
No. 50- As Engraving and Description	10/9	12/-	13/6	14,9	1.6/-
No. 51-As Description	10/9	12/-	13/6	14,9	16/-
Pitted with Poses Vision	5 (8)	010	0.6	O.r.	107





"PARAGON" CHAIN LIFT PUMPS.

These Pumps are supplied 12 ft under Spout, unless ordered otherwise.

The Bases are in hairs - By rankening the connecting bots the Spout

The Pumps are strongly made and will stand rough usage.

No. 140 has op n top. No. 141 has semi-cloved top No. 142 has covered each to revent splashing of the liquid outside the Pum Nos. 140 and 141 can be arranged on tripod legs when desired at extra price.

No. 142 can be supposed at extra charge with last and loose pulleys for belt power. For medium lifts the fast pulley may be arranged to make 60 revolutions per minute, at which speed the quantities given in List would be doubled. Our "Parageo" Chair Pumps are usually supplied 8 ft. from Sport to Base Plats, but

Price List.

Districted of Bare of Pipes on American Capacity at 80 revolutions of Handle per State of Handle per State of Handle per State of Handle per State of Handle per Depth body Spoot from which State of Handle per Handle State of Handle Per Handle Per Handle Option of Handle Per	2 540 55	2½ 830 37	3 1218 25 50	3} 1860 19 38	4 2187 16 32
No. 140.—Open top pattern No. 141.—Semi closed head pattern No. 142.—Closed head pattern	82 82/- 94/6	89/6 89/6 105/	94, 94, 119/	118 118/ 140	148,- 148/- 186,
Exceeding 12 ft. under Spout per foot Additional Crank Handle Addutonal Fly Wheel and Handle Spare Chain per foot	10 20 -	8.4 10/ 20/ 1.4	4 8 10 27 - 2 -	5.10 10 27, 2,8	7/4 10 33 6 3,

THE DRAWOFF COCKS
are interchangeable, and will
fit any design of WARD'S
PATENT PUMPS



No. 290. WARD'S PATENT DOUBLE ACTING FORCE PUMPS.

No. 200 is mounted on Strong Plank, and fitted with Patent Fulcrum and Guide Bracket and long Lever Handle. The Working Barrel is Brass. The Bucket Rod is Iron. The Suction and Delivery Counter Flanges are screwed female for Wrought Iron Tubing.

temase for wrought from Lubing.

A 2½ inch No. 71 Pump will lift more water, to a greater height in a given time and with a given power applied, than a 2½ inch Single Action Pump

an be stelled

Title List.			
Diameter of Bore of Working Barrel Diameter of Bore of Suction and Delivery Pipe	25 11	3 1}	33 m ~ 2 m
No. 290—As Engraving and Description If fitted with Brass Bucket Valves and	68 -	84	100
Bucket Rod extra Cast Iron Draw-off Cock, with Brass Plug, Cast Iron Air Vessel, with Dip Pipe	12'- 88 8-	16 - 10 10	22 12
Cast Iron Foot Valve and Strainer, screwed for Wrought Iron Tube vita	58	68	8





WARDS' PATENT DOUBLE ACTING FORCE PUMPS.

No 402. The Pump is similar to No. 290, but is actuated by Frontotary Motion with Heavy Fly Wheel. Wrought Iron Connecting Rod wit ium Metal Marine Head, the whole being mounted on a Strong Plank.

No. 40% is similar to No. 402, but has a Suic Rotary Motion.

The Draw-off Cocks are interchangusble, and will fit any design of Ward's Patent Pumps.

The Art Vessels are interchangeable, and will fit any design of Ward's

ressent are interchangeators, and will no any design

Price List.			
Diameter of Bore of Working Barrel Diameter of Bore of Suction and Delivery Pipe	2) 1:	3 1 ₂	34 its. 2 ins.
No. 402—As Engraving and Description. No. 404—As Engraving and Description If fitted with Brass Bucket Valves and	90 - 100,-	116 - 126/-	150/- 160/-
Bucket Rod extra Interchangeable Draw-off Cock, with Brass	12,-	16/-	22/
Plug extra Cast Iron Air Vessel, with Dip Pipe , Cast Iron Foot Valve and Strainer, for	8/8 8/-	10/-	12/- 12/
Wrought Iron Tube extra	4/3	6 -	7/6

BALL VALVES.

12

THE "GLOBE" BALL VALVE.

Screwed Iron			 23/6	28 9	55.6	65/- doz.
Serewed Boss			 26/-	316	59/-	69
Long-tail Backnut	and	Union	32	39 -	70	81/- ,,
Length of Stem			10	11	12	13: 10.
Copper Balls only			8/-	9/-	13 -	14 6 dos.
Silent Tubes, extra			3/8	4.6	8/-	8/3 ,.



THE "NEW RIVER PATTERN" BALL VALVE





THE "CROYDON" BALL VALVE.

		100	à	0	ž	1 in.
Screwed Iron		 22/9	24/9	35 6	40 -	70/- doz
Screwed Boss		 24/9	28/-	40 -	45/-	77/
Long-tail Backnut :	nd Union	26/6	33,-	47 -	52 6	87
Diameter of Ball		4	4)	5	6	7 in.
Copper Balls only		8/-	8/9	18/-	13/9	16, - doz.

		11	11	2	21	3 in.
Strewed tro ;		183	25 9	416	80 -	120 e. h
Screwed Boss		20,-	28/9	45/-	87,-	133 - "
Long-tail Backnut and	Union	26,-	36 6	60/-	113/-	170/



INDIA RUBBER GARDEN HOSE.

This Hose is specially made for Garden and Horticultural purposes, and will be found strong and durable if used with ordinary care, it is made only in the following sizes:

Inside Diameter.			7	1 m
1 ply, per foot	J., S.	4d	54	_
2 ply	4.1.	5.3	6 d	8 jd.
3 ply	5.1.	6d.	73	10d.

ARMOURED GARDEN HOSE.

		Inside	Dlame	ter.			- 1	1 .11.
2	ply,	per foot			5 {d.	6/41	734.	10,d
3	ply				6 jd.	714	8 [1]	1 -

INDIA RUBBER DELIVERY HOSE, COMBINED WITH CANVAS.

	Ins.de Diameter	1	à	1	1	14	$1\frac{1}{2}$	1.2	2 i
2	ply, per foot	-/61	$-/T_{\tilde{\chi}}^{3}$	-/B)	1/-	1/2	1/44	1/8	1/5
	and the second	PF 2	1601	04.00	4.41	4.80	4.77	4/40	. 0

ARMOURED DELIVERY HOSE.

Inside Diameter.	1	A	4	1	11	11	2 in.
2 ply, per foot			-/11				
0 -1	/01	-144	474	1:8	9 -	O Z	2/-

VILICANIZED INDIA RUBBER AND CANVAS SUCTION HOSE.

With Spiral Wire for Pumps, Locomotives, and Fire Engines.

I	nside	Diameter.	1 2	ź	÷	1	$1\frac{1}{2}$	$1\frac{1}{2}$	12 in.
	2	ρly	97	-,11	1/1	$1/5_{2}^{\circ}$	1/9	2/-	2/8
	3	ply	- 11	1 -	1,3	1/7	1,11	23	27
	- 3	ply	1 1	1,2	14	19	2/1	25	2/9
11	ısıde	Diameter	2	2	28	2 f	n	3	Lin.
		ply	27	2,11	33	36	3 10	43	5 -
	3	ply	211	33	3 6	3 11	43	5 -	58
	,	ply	32	3 6	3 11	44	48	5 -	63

VULCANIZED INDIA RUBBER AND CANVAS SUCTION HOSE.

4 ply ... 26 33 42 5 . 5/9 6/4 7/3 8/3 9/9 12/- 14/-

	è	2	2	1 in.
Branch Cock, Rose and Jet	26	36	5	6 6
Unions or Couplings	12	16	2 -	3,-
Do. Royles pattern, for Taps	12	16	2 -	3 -
Brass Spreaders	2 ·	24	3 -	36



INDIA RUBBER MATS FOR HOTELS, HALLS, CARRIAGES. BATHS. &c.

Price-Grev, Plain or Fluted 2 9 per lb.







No. 1-Plain Surface.

No. 2 -Plain Surface. No. 3-Plain or Fluted.

Mats are made 1 in, thickness, unless ordered otherwise; in this thickness a square foot weighs about 2 lbs; other thicknesses weigh in proportion. Names and Addresses, mottoes, letters, &c., inserted at 3d additional for each letter. Backs are put on if required to prevent the dust going through. The above are some of the stock patterns; if any preference please give the number when ordering,

JOHNSON'S BEST LONDON PORTLAND CEMENT.

In Casks of 400, 375, 350 lbs., or in Bags.

Delivered free at any Wharf in London by Barge, in quantities of not less

than 30 tons.

This Cement is superior to all others offered to the Public, and, from its general applicability and the numerous severe tests to which it has been subjected, it is confidently recommended in all important building operations where strength, durability, resistance to the atmosphere, and the action of sea and fresh water are required. Its power to resist compression and to bear strain-its hydraulic character, color, hardness, and non-liability to be affected by frost-render it peculiarly adapted to the Construction of Harbours, Docks, Piers, Foundations, External Walls, Floors of Houses, Mines, Facings, Agricultural Buildings, Sewers, Tanks, Reservoirs, Canal Walling, Breakwaters, Stuccoing, Arches, and for many other purposes.

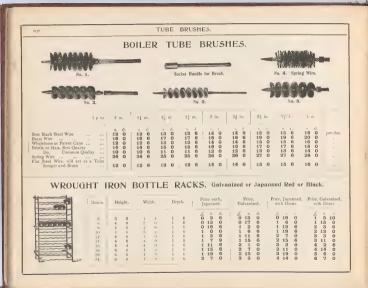
Prices on application.

WOOLLEN FELTS.

For Polishing Marble, Scouring, Pianoforte Makers, &c.

In Sheets from \$5 to 48 inches long, and 18 to 24 inches wide.

Prices on application.



LITOMASTIC ROOFING FELT.

THE ADVANTAGES

CLAIMED:

It does not require annual tarring.

It is pliable, easily handled and unrolled. It resists extreme heat and cold.

15 superficial yards

It is not affected by pressure.

It does not absorb moisture.

PRICES.

No.		***					
No.	2 .					6 -	Per Roll of 15 superficial yard
No.	3 .					4.9	(45 ft. long, 36 in. wide.)
No.	К					36 /	

INSTRUCTIONS FOR LAYING

Sheets should overlay at least two inches, the laps boing seach together with Bitumen master, and then nailed with broad-headed mans plant i about one men apart. It is advisable to give the Felt a coating of Brumen, put on hot, and then sanded with dry caan sane. Gatters should researe two layers, and cost such layer with mastic. This causes them to adhere and make a perfectly wateright ob. All ends should

LITOMASTIC DAMP COURSE.

IN ROLLS 15 YARDS LONG AND ANY WIDTH.

PRICES.

	Width.		9 in.	14 in.	18 in.	20 in.	24 in.	27 in.	36 in.
ı	Medium	1/5	2/10	4/4	5,8	6/3	7/6	8/6	11/3
	Heavy	1/10]	3,9	5/8	7/6	8/4	10/-	11/3	15/8

Bitumen Mastic for Laps and Joints, 15/- per cvt., in Casks and Boxes. Bitumen Conting for Roof Surfaces 1 3 per gallon, In Casks Galvanized Nails for Roofing, 6d. per lb.

CROGGON'S PATENT ASPHALTE ROOFING FELT. IN ROLLS 25 YANDS LONG, 32 INCHES WIDE. Price One Penny per Square Foot. IN FRANES OF SIX ROLLS.



WIGHE PACKAGE CARRAGE FREE TO ANY RAILWAY STATION.
The Patent Asphate Felt is perfectly imperitions to Rain, Snow, and Prost,
and a non-conductor of Heat, and has been proved by a long and extensive
experience in all climates, to be superior to all other descriptions of Koofing,
not only on account of its Eduzeity, Lightness, Economy, and Durablisty, but
facility by Kirm servants, or any unright, covering, and can be laid on with
facility by Kirm servants, or any unright.

Of the many purposes for which the Patent Asphalte Feit has been used be following may be mentioned:

For Roofing Churches, Houses, Cottages, Verandahs, Farm Buildings, Cattle and Sheen Sheds, and every description of Building, in the of slates.

Cattle and Sheep Sheds, and every description of Building, in lieu of slates, tiles, thatch, &c., and for lining Granaries and Stores (as rate or mice will not touch it), the inside and outside of Walls and Wooden Buildings and for protecting Ceilings under Flooring from Wet and Damp, at the same time deadening sound.

For Covering Conservatories, and Garden Sheds and Frames, being (from its imperviousness to Frost) a protective material for Plants, Seeds, Flowers, &c., for Thatching Corn and Hay Ricks, making a permanent covering for

&c.; for Thatching Corn and Hay Ricks, making a permanent covering for many years, and thereby effecting an annual saving of Straw. For Exportation to the Colonies, being, on account of its portability and cheapness indispensable to the Emerant.

This price of the sets is only **One Penny per Squine Feet**, bring considerably Laws. Thus I Though a Thouse or Sacrias, Thus. Though the Compared to the Compa

like States, &c., liable to breakage.

The felt can be manufactured of any required length, 32 inches wide.

Directions for applying Croggon's Patent Asphalte Felt

When the Felt is to be used for covering the RODES OF DWELLING HOUSES OR OTHER PERMANENT BUILDINGS, the rafters may be about 3 inches by 1\frac{1}{2}, placed from 20 inches to 2 feet apart, and covered over with \frac{1}{2}-inch boarding A pitch of 3 or 3 inches in the foot will be sufficient.

boarding: A pitch of 3 or 3 inches in the foot will be sufficient.

The Felt can be laid on from gable to gable, or across the roof from eaves to exces. It is essential that it should be stretched right and smooth—overlapping full one inch at the joinings, and closely nailed through the overlapp, with risks clout nails heated in a shovel, and thrown, when hot, into greate (to prevent rost), about 1/2 inches paper, but GALVANISD [RON PAILS].

The whole roof must have a good coating of Coat Tax and Little datout tor gallions of the former to six pounds of the thaten well boiled together, kept containly stirred while boiling, and PUP ON 1007 with a common tax mopand width it is hot some coates sharp sand may be stirted over it. The coating must be reinwed every forth or fifth year, or more or less may be compared to the purpose of the purpose who the make of two folds one over the other, commented tower. It is pattern should be made of two folds.

For covering Stram and Tansverance Enzyrons, the Felt may be used without boardings on rafters not exceeding 8 mices by J. and placed at a distance of 30 inches sparst, in which case to preven the Felt from bagging, it is a necessary to have a better or slight rafters or all out 2 inches by 1, intermediately between the stronger rafters. The felt must be lad on across the root, overlapping follone mich at the joinings, and mailed through the overland in the rafter, about the centure of it. When the Felt is thus laid on it is demandle that the roof should have a pitch or elevation of about four inches

It is particularly desired that no coasing of tar or any other mixture be unto the boarding before the Felt is laid on, because if the Felt is made to adhere very closely to the boarding, it must expand or contract with the wood work which would be prejudicial to it, but when it is laid on the bare boards, without any mixture underneath, expenence has satisfactorily proved that the Felt is not it any way injured by the expansion or contraction of the

In unrolling the Felt, the man should, as he proceeds in unfolding the piece, relieve the edges graily and patiently; and when they are found sirkly and adhesive, they should be separated with a knife rubbed over with grease II, from the coolines of the weather, or from its being long in the roll, the Felt should be found stiff and stirkly, its should be placed for a short uner

GAUTION.—Let the common coal far be well booked before the inne or chalk is put into it, so as to get rid of the spirit : let the cares, gatters, and ridge of the roof be thoroughly well

coated.

Note.—The Fell sheald receive a second and third ire-sing the first and second year, after which, every four or five years will be tound sufficient.

PAINTIAC,—Before Danton, the Earl Pennises, first years and which.

PARTING.—Before Ensing, the Felt requires a first preparation, which can be either a stagle cust of miss within the second clearable, which is a mixture of parchasent, are and whiting; a slight cust only a first proper of the consider, and the latter for indoor work. Vow time cost of Phins should be principally red for non-slory, and the latter for indoor work, which be paint will be found to nice and dry effectively belief oil, and pressy of dores, after work the coaling of first, sliked lines, and many allow be found the would note that for non-tonwark the coaling of first, sliked lines, and many and be found the would not the second of the control of the control of the control of the cost of the control of the c

PATENT ASPHALTE ROOFING FELT.

Impervious to Rain, Snow, or Frost,

Price 1d. per square foot, in rolls 25 yards long, 32 inches wide.

Or 8d. per lineal yard.

(Each roll contains 200 feet super)

We desire to draw our Customers' attention to the fact that our Roofing Felt, as now manufactured, is superior to any other in the trade, being specially costed with an admixture of Bitumen, which does away with the expense of Varnishing for temporary buildings, and saves the latter to a great extent in permanent buildings.

PACKED IN FRANCS OF 6 ROLLS

SARKING FELT.

3d. per square foot, in rolls 25 yards long, 32 inches wide.
Or 6d. per lineal yard.

A cheaper article than Roofing Felt made of the same material, only thinner, and used principally for temporary buildings and lining under slates, from &c.

PLOYED IN TRANSP. OF & ROLLS.

INODOROUS FELT.

For Lining Iron Buildings, Damp Walls, Roofs, &c. Best quality, 1d, per square foot, in rolls 25 yards long, 32 inches wide. Or 8d, per lineal yard.

Second quality, ad. per square foot, or 6d. per lineal yard.

Largely used by Shoemakers to prevent creaking boots, and being turated with waterproof materials free from offensive smell, it has been found e cheapest and most effective way for repelling damp.

PACKED IN FRAMES OF G ROLLS.

SHIPS' SHEATHING FELT.

Ensures strength and durability, it preserves the timber and caulking of

PACKED IN FRAMES OF 10 ROLLS

Word Sheathers, in rolls of 25 yards long, 32 ins. wide. 10d, per lineal yard.

NON CONDUCTING DRY HAIR FELT.

Used for covering Steam Pipes, &c., to prevent radiation of heat, effecting a saving in fuel of 25 per cent. Also used on Cold or Hot Water Pipes as

NOS O AND I PACKED A CHANGE OF BUILDING

PATENT DRY HAIR FELT.

TARRED HAIR FELT.

In Sheets, 84 x 20 mches, 9d. per sheet.

Bituminous Hair Felt, in rolls, 25 yards long × 32 inches wide.

9d per lineal yard.

2.6

SILICATE COTTON OR SLAG WOOL.

ONE TON CONTAINS ABOUT 2,000 SQUARE FEET, 1 INCH THICK. VERY LIGHT. SOUND PROOF FIRE PROOF. FROST PROOF. VERMIN FROOF.

It is a pure noteral fibre made from blast formace slag, perfectly free from any organic matter, consequently cannot harbour an mall life, hence its great utility applied in several ways for building purposes or covering pines, boilers, &c.

Loose, in 1-Cwt. Bags 10 - per cwt. For page ng fluors, or mole, lin to part one, round, fre- 1

I inch thick, an royman

at 1 .d. per square foot.

Price.

Sandwiched between Wire Natting in Slabs. 1 inch thick . 8d. per sq. foot. For floors roofs and partitions as above, also for hot or cold

For Steam and Water Pipes.

Combined with Plaster for Ceilings, &c... In Slabs, 3 0 , 3 3 , 3 6 , 3 3 , and 1 0 long 2 6 wide, a square foot,

CANVAS BACK HAIR FELT.

Extremely Cheap. Most Effective. No experience required to fly





For winding round pipes with one Edge-

With two Edges for nathing.

STOCK SIZE AND PRICE.

4 inches wide × 24 feet long 4 per roll (equal to 8 square feet.)

Waterproof Canvas Back Felt also kent at 800s. The width given is that of the fest exclusive of the Schages,

CAN EXECUTE ALL ORDERS ON RECEIPT

FOUNDATION FELT SLABS.

To prevent damp rising in walls or foundations. Superior to any other

		manu	necto	rea, being spec	any coate	a.v	vith Bitui	men,		
92 ms	N 1	-BA		2J. cach	52 ins.	×	22 ins.		8ld each.	
32 15	X P	1.15		3 Jd	32 ins.	×	27 ins		10	
32 m	× 13	1115		5 ₃ J	32 ins.	×	80 ins.		11 d	
12 m	w 18	ne		614	9.0 (But Inc.		4.0	

CROGGON & CO.'S FELT VARNISH.

Which supersedes the use of Coal Tar, Lime, Sand, &c.

Price, only 1: per Gallon. (One Gallon will cover Forty-Eight square feet of Felt.)

Specially prepared for Coating Felt Roofs. It is also equally well adapted for Painting all kinds of external Wood

and Ironwork, such as Railway Bridges, Gates, Pailings, Spouting, Ships' Bottoms, Boats, &c.

For all these purposes it will be found invaluable on account of the following properties:

It dries quickly without blistering,

Does not Run or Gutter in the Warmest Weather. And remains a bright black pleasy surface.

Directions for Use.

Which must be carefully attended to.

The Felt must be Thoroughly Dry before the Varnish is applied. Being of the consistence of Tallow, it requires to be cut into thin slices, and Gradually softened by the application of a Gentle heat, until sufficiently soft to allow of being applied by a stiff brush. Ir MUST NOT BE

Begin to use it when the lumps are only half melted

For all the purposes to which common Putty is adapted it may be used cold and spread by a knife.

To Householders and Farmers it is most useful for filling holes and crevices against Rats, Mice, and other vermin.

To be had in large or small quantities; with Brushes specially adapted for the purpose, at low prices,

ROOFING FELT NAILS.

		Black.	Galvanized.
Proce		8-1	1 4 per 1,000, § inch.
		1 -	. 2/- ,, 1,000, 1

VADRICH DDUCHES

	· Milli	 DI(DDI	1,0,		
Long Handle .					

BLACK AND BROWN MINERAL PAINT.

RICH COLORS AND READY FOR USE

Largely used for outside Iron and Woodwork.

Brown in 5 Gallons, including Iron Keg 3/- per gallon.

Kegs not returnable

This Paint from its adhesive and preservative properties, combined with its beauty, durability, and lowness of price, will be found of peculiar advantage for painting outside Buildings, Iron Work, Boats, Ships, etc.

IMPEDIAL BLACK VARNIGH

Used instead of Black Lead for Stoves, Fenders, Kitchen Paners, etc.

One third the price of Paint! Dries in Quarter the time! Is Blacker, Brighter, and more Durable,

SOLD WHOLESALE AND FOR EXPORTATION.

In Earrels containing 12 83 34 & 35 Galls,

32 - 94/- 95/- 96/-

(Barrels included).

CROGGON & CO.'S ASPHALTE FOR FLOORING.

A LIST OF PURPOSES TO WHICH ASPHALTE HAS BEEN SUCCESSFULLY APPLIED:

Foot Pavements.
Kitchen Floors.
Pantry ditto.
Laundry ditto.
Asylum ditto.
Barn ditto.
Conservatory ditto.
Coal and Coke Stores
Engine Rooms.
Carpenters' Shops.

Court Yards.
Garden Walks.
Harness Rooms.
Piggeries
Granaries.
Wash house Floors

Piggeries
Granaries.
Wash house Floors
Poultry Houses
Wine Bin Floors.
School Room Floors.
Barrack Floors

Farriers' Sheps. Warehouse Floors, for Corn.

Public Footways.

cotton Hops, Wool, Seed, and other Floors of a like kind.

Floors Carriage Drives, under Gate see ways, and approaches to hors.

Mansions Floors. Stabling and Coach-houses,

Cowsheds.
Prison Cells
Cooperages.
Engineers' Workshops
Railway Platforms.
Dens for Asimals
Slaughter Houses.

Slaughter Houses,
Railway and Suspension Bridges
Tun Room Floors.
&c., &c., &c.

Covering of Roofs and Damp Walls, Lining of Baths, Covering of Railway and other Arches, to prevent the percolation of Damp or Wet.

DIRECTIONS FOR USE OF ASPHALTE

Break the Blocks of Asphalte into about a dozen proces, and place them in a caudron over a strong fire. A little cost puch or deal oil will be of great assistance in bringing down the first caulifron, which should not be allowed to become quite empty whilst the work's proceeding.

When the Asphalte begins to melt, keep it stirred until it is all dissolved.

If it is to be used for covering arches or footings of walls, it may be applied as soon as melted, by spreading it while hot to the thickness of half or three-quarters of an inch.

If to be used for floors, day sharp sand may be mixed with int. Asphalte, when melted, in the proportion of Six Handren Weigel of Aschart, to Oki, Bushel or Sand; and when thoroughly mixed applied to the floor, spread with a common plusterers floor to the required thickness.

One ton of Asphalte, if laid on concrete that is am ioth and level, will cover about twenty-three square yards one inch in thickness.

We will let on line canditions and tools to those castomers who wish to use the Asphalte themselves, at a charge of One Shilling and Soxpence pet day, carriage or tailway charges extra. If the refunct, an experience I person will attend to give one day's personal instructions, wages and travelance expenses being paid by the Portsbare.

We are prepared to contract for any quantity, laid complete.









Telephone: BANK **3446.** Telegrams:

CROGGON & CO. LTD.

9 Redcross Street, LIVERPOOL.

4

Price List

GALVANIZED RIVETTED TANKS CISTERNS and CYLINDERS.

(STOCI SIZES).

A

Prices for Special Sizes and Gauges on application.

Galvanized Rivetted Hot Water Tanks.									
Gallons	16 G.	14 G.	12 G.	1/8 Plate	3/16 Plate	1/4 Plate and up			
20 25 30 40 50 60 70 80 90	46/- 51/- 55/6 65/6 75/-	50/- 54/6 62/6 70/- 80/- 90/-	57/6 65/- 70/- 80/- 92/6 105/-	63/6 72/6 80 - 92/6 107/6 120/- 132/6 142/6 157/6	90/- 100/- 112 6 125/- 142 6 160,6 180/- 195/- 210/-	Prices on Application.			

Galvanized Rivetted Open Top Cisterns.

165/- 230/-

100

						3/16 Plate
Gallons	18 G.	16 G.	14 G.	12 G.	18 Plate	and up
20	27/3	33/9	38/6	44/6	53 6	
25	29/6	36 6	43/-	52/6	59/-	-
30	33/6	40/-	47/6	55/6	64/6	2
40	39/6	46 3	55/-	65/-	75/-	
50	42/6	52/-	60 6	70/6	84,6	cati
60	50/-	57,6	67,3	77/6	92/-	0
70	53/-	61/-	73/6	83 6	102/6	ppli
80	57/9	67/3	81/-	92/6	111,9	0
100	65/6	74/6	90/-	102 6	124/-	⋖
125		87/6	100/-	117/6	136/6	_
150		98/9	113,6	130/-	154/9	on
175		112 6	128/6	145,6	173/6	0
200		125/-	137,6	157/-	192/6	U)
250		145/-	157/6	185/6	220/-	ė,
300		163/6	178/9	210/-	247/6	Price
400			222,6	255/-	303/6	Č.
500				295/-	337/6	

Galvanized Rivetted H. W. Cylinders.

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Gallons	Size	16 G.	14 G.	12 G.	1/8 Plate	3/16 Plate
	21 23 25 28 28 31 34 37 40 40 42 45 48 52 56 60 65 75 80 90	30 x 15 33 x 15 33 x 15 39 x 15 42 x 15 30 x 18 33 x 18 36 x 18 39 x 10 42 x 18 36 x 20 45 x 18 39 x 20 45 x 20 45 x 20 48 x 20 48 x 20 51 x 20 48 x 24 51 x 24 51 x 24	52/6 55/- 57/6 59/6 63/- 65/6 67/- 69/6 72/- 73/6 75/6	57/6 61/- 63/- 67/6 69/6 69/6 75/6 78/3 81/- 85/- 87/6 101/- 105/6 115/-	66/- 72/- 76/- 82/- 86/- 87/6 89/6 92/- 95/6 97/9 100/- 103/9 112/6 120/- 127/6 134/6	72/6 78/- 82/- 87/6 91/6 91/6 93/6 97/6 101/6 105/6 107/9 110/6 114/- 123/6 130/- 144/6 152/6 177/6 185/- 200/-	97/6 110/- 114/6 125/- 129/6 129/6 133/6 137/6 142/- 147/6 151/6 155/6 180/- 188/6 197/6 215/- 242/- 246/- 250/-

Above prices include the usual flanges.

Extras-Manhole 1/8th plate and lighter, 7/6 each.

1.R. Ring, 1/6 each.

Extras—Manhole 3/16th plate and lighter, 11/- each.
I.R. Ring, 1/6 each.

Steel Roofs and Buildings
Roofing Felts
Corrugated Sheets
Working up Sheets
Galvanized Hollowware
Zinc (perforated and plain)
Wire Netting
Fencing Wire
Wire Nails

Hoops Ventilators Piping, etc.

22 G. ...

CROGGON & CO. LTD.

9 Redcross Street, LIVERPOOL.

+483+

PRICE LIST.

		GALV	ANIZEI	D BUCI	KETS.							
	10"	11"	12"	13"	14"							
32/34-lbs. Seamed	31/6	33/6	85/-	38/6	43/6 p	er doz.						
36/38-lbs. 11	32/	34/-	35/6	39/-	44/-							
42/44-lbs. n	86/-	87/6	38/6	43/-	46/6	11						
48-lbs. Rivetted Sides, Forged Ears		48/6	50/-	55/-	58/3							
60-lbs. Rivetted Sides.												
Forged Ears		53/6	55/6	60/6	63/-	11						
72-lbs. Rivetted Sides, Forged Ears, Line												
Hoop			60/-	67/6	71/-	- 11						
84-lbs. Rivetted Sides. Forged Ears, H.R.												
Band at Top			67/6	70/-	73/6	11						
GALVANIZED BATHS.												
	16"	18"	20°	22"	24"	26"	28"	30"				
26 G., Plain	33/-	42/-	50/6	60/6	70/6	81/6	94/6	110/- per doz.				
26 G., Hooped	38/3	48/6	58/6	69/6	80/-	98/6	107/-	122/- 11				
24 G., Plain	36/6	46/6	55/3	65/	77/6	88/6	102/6	118/- "				
24 G., Hooped	42/-	52/-	62/6	73/-	86/6	98/6	115/-	130/- 11				
		CATIO	NIZED	387 A 7037	RLOOS.							
	1.47											
	14"	15"	16"	17"	18"							
26 G	48/3	52/-	56/6	62/6		er doz.						
24 G	56/-	60/9	65/6	70/6	77/-	11						

GALVANIZED CHAMBER PAILS,

... 64/3 69/- 73/- 80/- 87/6 n
Japanned 5/6 per doz. less.

24 G. 60/9 65/- 73/- 80/- 87/6 per doz.

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CALVANIZED BOILER FILLERS
                4 G 8 10 12 14 16
61/- 67/- 78/3 82/- 90/- 100/- 110/- per doz.
Ouarts ...
                   GALVANIZED WATERING CANS.
Gallons
                 1 11 2 21 3 31
                67/6 73/- 81/6 90/- 98/- 110/- 120/- per doz.
                   Copper Roses 1/- per doz. extra.
                      WELSH WATER JUGS.
Gallons ...
             ... 1
                     11/2 2 21/3 3
Hooped Bottom
             ... 51/- 55/- 58/- 67/- 75/- per doz.
                   OVAL BOILERS AND COVERS.
Gallons
              ... 21 3 31 4 41 5 51 6
                70/6 76/- 80/- 85/- 89/- 92/6 98/6 110/- per doz.
                   TURNIP SKEPS (Round or Oval).
                18" 19" 20" 21" 22" 23" 24"
              ... 62/6 67/6 74/- 77/6 82/6 87/6 95/6 per doz.
24 G. ...
              ... 69/6 76/6 82/3 86/3 91/9 98/9 107/6
                 "LYNN " OR "NORFOLK " SKEPS.
Bushels
              ... 1 1 11
24 G. ...
             ... 78/- 84/6 91/6 118/6 per doz.
             ... 87/6 96/- 108/- 132/6
             Plates under Handles ... 7/6 per doz. extra.
             Bound under Wire ... 11/6 "
             Strapped to Wire ... 9/6 "
                    GALVANIZED SEED HOPPERS.
                            9.1"
                                        26"
                10/9
                                       12/6 each.
                            11/9
                     GALVANIZED E.C. PAILS.
24 G. ... ...
              ... 17" × 13" × 12½" ... 90/6 per doz.
24 G. ...
              ... 16" × 13" × 17" ... 97/6
                GALVANIZED "DO-ALL" MOP BUCKETS.
                87/6 per doz. Mops ... 22/6 per doz.
                GALVANIZED DUST BINS AND COVERS.
Size 14" × 16"
             15" × 18" 16" × 20" 17" × 22" 18" × 24" 19" × 30"
      10/6
                11/3
                       12/3 13/9 15/6
                                                         18/-
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